Form 5500

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Annual Return/Report of Employee Benefit Plan

This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).

▶ **Complete all entries in accordance with the instructions to the Form 5500.**

OMB Nos. 1210-0110
1210-0089

2016

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2016 or fiscal plan year beginning 01/01/2016 and ending 12/31/2016

A This return/report is for:
- [ ] a multiemployer plan
- [ ] a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
- [X] a single-employer plan
- [ ] a DFE (specify) ____

B This return/report is:
- [ ] the first return/report
- [ ] the final return/report
- [ ] an amended return/report
- [ ] a short plan year return/report (less than 12 months)

C If the plan is a collectively-bargained plan, check here. . . . . ▶ [ ]

D Check box if filing under:
- [X] Form 5558
- [ ] automatic extension
- [ ] the DFVC program
- [X] special extension (enter description) HURRICANE IRMA RELIEF

Part II Basic Plan Information—enter all requested information

1a Name of plan
BIOTEST PHARMACEUTICALS SAVINGS & RETIREMENT PLAN

1b Three-digit plan number (PN) ▶ 001

1c Effective date of plan 12/04/2007

2a Plan sponsor's name (employer, if for a single-employer plan)
Mailing address (include room, apt., suite no. and street, or P.O. Box)
City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions)
BIOTEST PHARMACEUTICALS CORP

5800 PARK OF COMMERCE BLVD NW
BOCA RATON, FL 33487

2b Employer Identification Number (EIN) 26-1251037

2c Plan Sponsor's telephone number 561-989-5833

2d Business code (see instructions) 325410

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	10/25/2017	NATHALIE TINSLEY
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

Preparer's name (including firm name, if applicable) and address (include room or suite number)

Preparer's telephone number

3a Plan administrator's name and address [X] Same as Plan Sponsor	**3b** Administrator's EIN	
	3c Administrator's telephone number	
4 If the name and/or EIN of the plan sponsor has changed since the last return/report filed for this plan, enter the name, EIN and the plan number from the last return/report:	**4b** EIN	
a Sponsor's name	**4c** PN	
5 Total number of participants at the beginning of the plan year	**5**	850
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines **6a(1), 6a(2), 6b, 6c,** and **6d**).		
a(1) Total number of active participants at the beginning of the plan year	**6a(1)**	749
a(2) Total number of active participants at the end of the plan year	**6a(2)**	1123
b Retired or separated participants receiving benefits	**6b**	0
c Other retired or separated participants entitled to future benefits	**6c**	114
d Subtotal. Add lines **6a(2)**, **6b**, and **6c**.	**6d**	1237
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	**6e**	1
f Total. Add lines **6d** and **6e**.	**6f**	1238
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	**6g**	805
h Number of participants that terminated employment during the plan year with accrued benefits that were less than 100% vested	**6h**	0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	**7**	

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:

2E 2J 2F 2G 2K 3D 2T

b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:

9a Plan funding arrangement (check all that apply)

- **(1)** [X] Insurance
- **(2)** [ ] Code section 412(e)(3) insurance contracts
- **(3)** [X] Trust
- **(4)** [ ] General assets of the sponsor

9b Plan benefit arrangement (check all that apply)

- **(1)** [X] Insurance
- **(2)** [ ] Code section 412(e)(3) insurance contracts
- **(3)** [X] Trust
- **(4)** [ ] General assets of the sponsor

10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

- **(1)** [X] **R** (Retirement Plan Information)
- **(2)** [ ] **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- **(3)** [ ] **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

b General Schedules

- **(1)** [X] **H** (Financial Information)
- **(2)** [ ] **I** (Financial Information – Small Plan)
- **(3)** [X] 1 **A** (Insurance Information)
- **(4)** [X] **C** (Service Provider Information)
- **(5)** [ ] **D** (DFE/Participating Plan Information)
- **(6)** [ ] **G** (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ..... ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ..... ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2016 Form M-1 annual report. If the plan was not required to file the 2016 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code_____

SCHEDULE A (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Insurance Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).

▶ **File as an attachment to Form 5500.**

▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).

OMB No. 1210-0110

2016

This Form is Open to Public Inspection

For calendar plan year 2016 or fiscal plan year beginning 01/01/2016 and ending 12/31/2016

A Name of plan
BIOTEST PHARMACEUTICALS SAVINGS & RETIREMENT PLAN

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
BIOTEST PHARMACEUTICALS CORP

D Employer Identification Number (EIN)
26-1251037

Part I **Information Concerning Insurance Contract Coverage, Fees, and Commissions** Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.

1 Coverage Information:

(a) Name of insurance carrier
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY

(b) EIN	**(c)** NAIC code	**(d)** Contract or identification number	**(e)** Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	**(g)** To
04-1590850	65935	MR 60303	1238	01/01/2016	12/31/2016

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid	**(b)** Total amount of fees paid

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4	Current value of plan's interest under this contract in the general account at year end	4	
5	Current value of plan's interest under this contract in separate accounts at year end	5	0

6 Contracts With Allocated Funds:

a State the basis of premium rates ▶

b	Premiums paid to carrier	6b	
c	Premiums due but unpaid at the end of the year	6c	
d	If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount.	6d	

Specify nature of costs ▶

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity

(3) ☐ other (specify) ▶

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐

7 Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

a Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee

(3) ☐ guaranteed investment (4) ☒ other ▶ GROUP ANNUITY CONTRACT

b	Balance at the end of the previous year			7b	6648000
c	Additions: (1) Contributions deposited during the year	7c(1)	747412		
	(2) Dividends and credits	7c(2)	0		
	(3) Interest credited during the year	7c(3)	215632		
	(4) Transferred from separate account	7c(4)	633827		
	(5) Other (specify below)	7c(5)	160183		
	▶ LN INT, LN PRIN, LOAN DEFAULT, ROLL				
	(6)Total additions			7c(6)	1757054
d	Total of balance and additions (add lines **7b** and **7c(6)**)			7d	8405054
e	Deductions:				
	(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	464427		
	(2) Administration charge made by carrier	7e(2)	4009		
	(3) Transferred to separate account	7e(3)	0		
	(4) Other (specify below)	7e(4)	155384		
	▶ LN DISTRIB				
	(5) Total deductions			7e(5)	623820
f	Balance at the end of the current year (subtract line **7e(5)** from line **7d**)			7f	7781234

Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

a ☐ Health (other than dental or vision) **b** ☐ Dental **c** ☐ Vision **d** ☐ Life insurance
e ☐ Temporary disability (accident and sickness) **f** ☐ Long-term disability **g** ☐ Supplemental unemployment **h** ☐ Prescription drug
i ☐ Stop loss (large deductible) **j** ☐ HMO contract **k** ☐ PPO contract **l** ☐ Indemnity contract
m ☐ Other (specify) ▶

9 Experience-rated contracts:				
a Premiums: (1) Amount received	**9a(1)**			
(2) Increase (decrease) in amount due but unpaid	**9a(2)**			
(3) Increase (decrease) in unearned premium reserve	**9a(3)**			
(4) Earned (**(1)** + **(2)** - **(3)**)			**9a(4)**	
b Benefit charges (1) Claims paid	**9b(1)**			
(2) Increase (decrease) in claim reserves	**9b(2)**			
(3) Incurred claims (add **(1)** and **(2)**)			**9b(3)**	
(4) Claims charged			**9b(4)**	
c Remainder of premium: (1) Retention charges (on an accrual basis) --				
(A) Commissions	**9c(1)(A)**			
(B) Administrative service or other fees	**9c(1)(B)**			
(C) Other specific acquisition costs	**9c(1)(C)**			
(D) Other expenses	**9c(1)(D)**			
(E) Taxes	**9c(1)(E)**			
(F) Charges for risks or other contingencies	**9c(1)(F)**			
(G) Other retention charges	**9c(1)(G)**			
(H) Total retention			**9c(1)(H)**	
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.)			**9c(2)**	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement			**9d(1)**	
(2) Claim reserves			**9d(2)**	
(3) Other reserves			**9d(3)**	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line **9c(2)**.)			**9e**	
10 Nonexperience-rated contracts:				
a Total premiums or subscription charges paid to carrier			**10a**	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount.			**10b**	

Specify nature of costs.

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

SCHEDULE C (Form 5500)	Service Provider Information	OMB No. 1210-0110
Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ **File as an attachment to Form 5500.**	**2016** **This Form is Open to Public Inspection.**

For calendar plan year 2016 or fiscal plan year beginning 01/01/2016 and ending 12/31/2016

A Name of plan
BIOTEST PHARMACEUTICALS SAVINGS & RETIREMENT PLAN

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
BIOTEST PHARMACEUTICALS CORP

D Employer Identification Number (EIN)
26-1251037

Part I Service Provider Information (see instructions)

You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions).. . . . . [X] Yes [ ] No

b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

MASSACHUSETTS MUTUAL LIFE INS. CO.

04-1590850

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

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2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

MASSACHUSETTS MUTUAL LIFE INS. CO.

04-1590850

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
52 60 63 64 68 72	CONTRACT ADMINISTRATOR	19420	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [X] No [ ]

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes [ ] No [ ]	Yes [ ] No [ ]		Yes [ ] No [ ]

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes [ ] No [ ]	Yes [ ] No [ ]		Yes [ ] No [ ]

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	**(c)** Relationship to employer, employee organization, or person known to be a party-in-interest	**(d)** Enter direct compensation paid by the plan. If none, enter -0-.	**(e)** Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	**(f)** Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	**(g)** Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	**(h)** Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	**(c)** Relationship to employer, employee organization, or person known to be a party-in-interest	**(d)** Enter direct compensation paid by the plan. If none, enter -0-.	**(e)** Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	**(f)** Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	**(g)** Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	**(h)** Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	**(c)** Relationship to employer, employee organization, or person known to be a party-in-interest	**(d)** Enter direct compensation paid by the plan. If none, enter -0-.	**(e)** Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	**(f)** Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	**(g)** Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	**(h)** Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
PREM U.S. GOVT MNY MKT FD BARINGS 04-3212059	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
MM SP 500 INDEX FDNORTHERN TRUST 04-3410047	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
SEL GR OPPORTUNITIES FD SANDS JSP 04-3512589	BASIS POINTS * PLAN ASSETS

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
SEL OVERSEAS FD MFS HARRIS JPMRGN 04-3557000	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
SELECT FNDMNTL VAL FD WELLINGTON 04-3584138	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
PRUDENTIAL JENNISON MID CAP GR FD 13-2631108	BASIS POINTS * PLAN ASSETS

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
AB GLOBAL BOND FUND 13-4064930	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
T. ROWE PRICE RETIREMENT 2010 FUND 20-0001631	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
T. ROWE PRICE RETIREMENT 2020 FUND 20-0001634	BASIS POINTS * PLAN ASSETS

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0
(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
T. ROWE PRICE RETIREMENT 2030 FUND 20-0001636	BASIS POINTS * PLAN ASSETS	

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0
(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
T. ROWE PRICE RETIREMENT 2040 FUND 20-0001638	BASIS POINTS * PLAN ASSETS	

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0
(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
TOTAL RETURN FUND PIMCO 33-0239892	BASIS POINTS * PLAN ASSETS	

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
ALLIANZGI NFJ SMALL CAP VALUE FUND 33-0457728	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
WELLS FARGO SPECIAL MID CAP VAL FD 41-0449260	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
MM SP MID CAP INDEX FUND NRTN TR 45-5349772	BASIS POINTS * PLAN ASSETS

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
T. ROWE PRICE RETIREMENT 2050 FUND 51-0612044	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
AMERICAN FUNDS GRTH FUND OF AMERICA 52-0792143	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
T. ROWE PRICE RETIREMENT 2005 FUND 52-1151266	BASIS POINTS * PLAN ASSETS

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
T. ROWE PRICE RETIREMENT 2015 FUND 52-1151266	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
T. ROWE PRICE RETIREMENT 2025 FUND 52-1151266	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
T. ROWE PRICE RETIREMENT 2035 FUND 52-1151266	BASIS POINTS * PLAN ASSETS

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
T. ROWE PRICE RETIREMENT 2055 FUND 52-1151266	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
T. ROWE PRICE RETIREMENT 2045 FUND 52-2264646	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
T. ROWE PRICE RETIREMENT BAL FUND 56-2294396	BASIS POINTS * PLAN ASSETS

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
INVESCO SMALL CAP DISCOVERY FUND 76-0343427	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)

(complete as many entries as needed)

a Name:	**b** EIN:
c Position:	
d Address:	**e** Telephone:

Explanation:

a Name:	**b** EIN:
c Position:	
d Address:	**e** Telephone:

Explanation:

a Name:	**b** EIN:
c Position:	
d Address:	**e** Telephone:

Explanation:

a Name:	**b** EIN:
c Position:	
d Address:	**e** Telephone:

Explanation:

a Name:	**b** EIN:
c Position:	
d Address:	**e** Telephone:

Explanation:

SCHEDULE H (Form 5500)

Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Financial Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2016

This Form is Open to Public Inspection

For calendar plan year 2016 or fiscal plan year beginning 01/01/2016 and ending 12/31/2016

A Name of plan
BIOTEST PHARMACEUTICALS SAVINGS & RETIREMENT PLAN

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
BIOTEST PHARMACEUTICALS CORP

D Employer Identification Number (EIN)
26-1251037

Part I Asset and Liability Statement

1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)		
(2) Participant contributions	1b(2)		
(3) Other	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans	1c(8)	992088	1048221
(9) Value of interest in common/collective trusts	1c(9)	0	0
(10) Value of interest in pooled separate accounts	1c(10)	0	0
(11) Value of interest in master trust investment accounts	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)	22075913	24903895
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)	6648000	7781234
(15) Other	1c(15)	0	0

			(a) Beginning of Year	(b) End of Year
1d	Employer-related investments:			
	(1) Employer securities	1d(1)	0	0
	(2) Employer real property	1d(2)		
e	Buildings and other property used in plan operation	1e		
f	Total assets (add all amounts in lines 1a through 1e)	1f	29716001	33733350
	Liabilities			
g	Benefit claims payable	1g		
h	Operating payables	1h		
i	Acquisition indebtedness	1i		
j	Other liabilities	1j		
k	Total liabilities (add all amounts in lines 1g through1j)	1k	0	0
	Net Assets			
l	Net assets (subtract line 1k from line 1f)	1l	29716001	33733350

Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

	Income		(a) Amount	(b) Total
a	**Contributions:**			
	(1) Received or receivable in cash from: **(A)** Employers	2a(1)(A)	1335649	
	(B) Participants	2a(1)(B)	2478414	
	(C) Others (including rollovers)	2a(1)(C)	1155470	
	(2) Noncash contributions	2a(2)		
	(3) Total contributions. Add lines **2a(1)(A), (B), (C),** and line **2a(2)**	2a(3)		4969533
b	**Earnings on investments:**			
	(1) Interest:			
	(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
	(B) U.S. Government securities	2b(1)(B)		
	(C) Corporate debt instruments	2b(1)(C)		
	(D) Loans (other than to participants)	2b(1)(D)		
	(E) Participant loans	2b(1)(E)	34198	
	(F) Other	2b(1)(F)	215632	
	(G) Total interest. Add lines **2b(1)(A)** through **(F)**	2b(1)(G)		249830
	(2) Dividends: **(A)** Preferred stock	2b(2)(A)		
	(B) Common stock	2b(2)(B)	0	
	(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	1218003	
	(D) Total dividends. Add lines **2b(2)(A)**, **(B)**, and **(C)**	2b(2)(D)		1218003
	(3) Rents	2b(3)		
	(4) Net gain (loss) on sale of assets: **(A)** Aggregate proceeds	2b(4)(A)		
	(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
	(C) Subtract line **2b(4)(B)** from line **2b(4)(A)** and enter result	2b(4)(C)		0
	(5) Unrealized appreciation (depreciation) of assets: **(A)** Real estate	2b(5)(A)		
	(B) Other	2b(5)(B)		
	(C) Total unrealized appreciation of assets. Add lines **2b(5)(A)** and **(B)**	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		0
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		0
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		383335
c Other income	2c		0
d Total income. Add all **income** amounts in column (b) and enter total	2d		6820701
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	2783931	
(2) To insurance carriers for the provision of benefits	2e(2)	0	
(3) Other	2e(3)	0	
(4) Total benefit payments. Add lines **2e(1)** through **(3)**	2e(4)		2783931
f Corrective distributions (see instructions)	2f		0
g Certain deemed distributions of participant loans (see instructions)	2g		0
h Interest expense	2h		
i Administrative expenses: **(1)** Professional fees	2i(1)	0	
(2) Contract administrator fees	2i(2)	19296	
(3) Investment advisory and management fees	2i(3)	0	
(4) Other	2i(4)	125	
(5) Total administrative expenses. Add lines **2i(1)** through **(4)**	2i(5)		19421
j Total expenses. Add all **expense** amounts in column (b) and enter total	2j		2803352
Net Income and Reconciliation			
k Net income (loss). Subtract line **2j** from line **2d**	2k		4017349
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) [ ] Unqualified **(2)** [ ] Qualified **(3)** [X] Disclaimer **(4)** [ ] Adverse

b Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)? [X] Yes [ ] No

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: DASZKAL BOLTON LLP **(2)** EIN: 65-0406502

d The opinion of an independent qualified public accountant is **not attached** because:

(1) [ ] This form is filed for a CCT, PSA, or MTIA. **(2)** [ ] It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

		Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)	4a		X	
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)	4b		X	

			Yes	No	Amount
c	Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)	4c		X	
d	Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)	4d		X	
e	Was this plan covered by a fidelity bond?	4e	X		500000
f	Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	4f		X	
g	Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?	4g		X	
h	Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?	4h		X	
i	Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	4i	X		
j	Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked, and see instructions for format requirements.)	4j		X	
k	Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	4k		X	
l	Has the plan failed to provide any benefit when due under the plan?	4l		X	
m	If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	4m		X	
n	If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3	4n			
o	Defined Benefit Plan or Money Purchase Pension Plan Only: Were any distributions made during the plan year to an employee who attained age 62 and had not separated from service?	4o			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year?
If "Yes," enter the amount of any plan assets that reverted to the employer this year ☐ **Yes** ☒ **No** **Amount:**

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	**5b(2)** EIN(s)	**5b(3)** PN(s)

5c If the plan is a defined benefit plan, is it covered under the PBGC insurance program (See ERISA section 4021.)? ..... ☐ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year_____. (See instructions.)

Part V Trust Information

6a Name of trust	**6b** Trust's EIN

6c Name of trustee or custodian	**6d** Trustee's or custodian's telephone number

SCHEDULE R (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Retirement Plan Information

This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2016

This Form is Open to Public Inspection.

For calendar plan year 2016 or fiscal plan year beginning 01/01/2016 and ending 12/31/2016

A Name of plan
BIOTEST PHARMACEUTICALS SAVINGS & RETIREMENT PLAN

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
BIOTEST PHARMACEUTICALS CORP

D Employer Identification Number (EIN)
26-1251037

Part I Distributions

All references to distributions relate only to payments of benefits during the plan year.

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions **1** 0

2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits):

EIN(s): 04-1590850

Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.

3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year **3**

Part II Funding Information (If the plan is not subject to the minimum funding requirements of section of 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)

4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ..... ☐ **Yes** ☐ **No** ☐ **N/A**

If the plan is a defined benefit plan, go to line 8.

5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. **Date:** Month _____ Day _____ Year _____

If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.

6 **a** Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived) **6a**

b Enter the amount contributed by the employer to the plan for this plan year **6b**

c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount) **6c**

If you completed line 6c, skip lines 8 and 9.

7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ..... ☐ **Yes** ☐ **No** ☐ **N/A**

8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ..... ☐ **Yes** ☐ **No** ☐ **N/A**

Part III Amendments

9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box. ..... ☐ **Increase** ☐ **Decrease** ☐ **Both** ☐ **No**

Part IV ESOPs (see instructions). If this is not a plan described under Section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.

10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan? ..... ☐ **Yes** ☐ **No**

11 **a** Does the ESOP hold any preferred stock? ..... ☐ **Yes** ☐ **No**

b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.) ..... ☐ **Yes** ☐ **No**

12 Does the ESOP hold any stock that is not readily tradable on an established securities market? ..... ☐ **Yes** ☐ **No**

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify):

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

14 Enter the number of participants on whose behalf no contributions were made by an employer as an employer of the participant for:

a The current year	**14a**	
b The plan year immediately preceding the current plan year	**14b**	
c The second preceding plan year	**14c**	

15 Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

a The corresponding number for the plan year immediately preceding the current plan year	**15a**	
b The corresponding number for the second preceding plan year	**15b**	

16 Information with respect to any employers who withdrew from the plan during the preceding plan year:

a Enter the number of employers who withdrew during the preceding plan year	**16a**	
b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	**16b**	

17 If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

18 If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐

19 If the total number of participants is 1,000 or more, complete lines (a) through (c)

a Enter the percentage of plan assets held as:
Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____%

b Provide the average duration of the combined investment-grade and high-yield debt:
☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more

c What duration measure was used to calculate line 19(b)?
☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify):

Part VII IRS Compliance Questions

20a Is the plan a 401(k) plan? If "No," skip b	☐ Yes ☐ No
20b How did the plan satisfy the nondiscrimination requirements for employee deferrals under section 401(k)(3) for the plan year? Check all that apply:	☐ Design-based safe harbor ☐ "Prior year" ADP test ☐ "Current year" ADP test ☐ N/A
21a What testing method was used to satisfy the coverage requirements under section 410(b) for the plan year? Check all that apply:	☐ Ratio percentage test ☐ Average benefit test ☐ N/A
21b Did the plan satisfy the coverage and nondiscrimination requirements of sections 410(b) and 401(a)(4) for the plan year by combining this plan with any other plan under the permissive aggregation rules?	☐ Yes ☐ No

22a If the plan is a master and prototype plan (M&P) or volume submitter plan that received a favorable IRS opinion letter or advisory letter, enter the date of the letter _____/_____/_____ and the serial number _____.

22b If the plan is an individually-designed plan that received a favorable determination letter from the IRS, enter the date of the most recent determination letter _____/_____/_____.

DASZKALBOLTON
accountants & advisors

Biotest Pharmaceuticals Savings and Retirement Plan

Financial Statements

December 31, 2016 and 2015

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** Other schedules required by Section 2520.103.10 of the Department of Labor's Rules and regulations for Reporting and Disclosure under ERISA have been omitted because they are not applicable.*

DASZKALBOLTON
accountants & advisors

Independent Auditors' Report

To the Plan Committee
Biotest Pharmaceutical Savings and Retirement Plan
Boca Raton, Florida

Report on the Financial Statements

We were engaged to audit the accompanying financial statements of Biotest Pharmaceuticals Savings and Retirement Plan (the "Plan"), which comprise the statements of net assets available for plan benefits at December 31, 2016 and 2015, and the related statement of changes in net assets available for plan benefits for the year ended December 31, 2016, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on conducting the audits in accordance with auditing standards generally accepted in the United States of America. Because of the matter described in the Basis for Disclaimer of Opinion paragraph, however, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion.

Basis for Disclaimer of Opinion

As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, the Plan Administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 3, which was certified by Massachusetts Mutual Life Insurance Company, State Street Bank and Trust Company, and Reliance Trust Company, the Custodians of the Plan, except for comparing the information with the related information included in the financial statements and supplemental schedule. We have been informed by the Plan Administrator that State Street Bank and Trust Company held the Plan's investment assets and executed investment transactions for the period from January 1, 2015 to June 11, 2015, and that Reliance Trust Company held the Plan's assets and executed investment transactions for the period from June 12, 2015 to December 31, 2016. The Plan Administrator has obtained certifications from the Custodians as of and for the years ended December 31, 2016 and 2015, that the information provided to the Plan Administrator by the Custodians is complete and accurate.

Disclaimer of Opinion

Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion. Accordingly, we do not express an opinion on these financial statements.

Continued from previous page

Other Matter

The supplemental Schedule H, Line 4i – Schedule of Assets (Held at End of Year) for the year ended December 31, 2016, is required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 and is presented for the purpose of additional analysis and is not a required part of the financial statements. Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we do not express an opinion on the supplemental schedule referred to above.

Report on Form and Content in Compliance With DOL Rules and Regulations

The form and content of the information included in the financial statements and supplemental schedule, other than that derived from the information certified by the Custodians, has been audited by us in accordance with auditing standards generally accepted in the United States of America and, in our opinion, is presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974.

Daszkal Bolton LLP

Fort Lauderdale, Florida
October 19, 2017

Biotest Pharmaceuticals Savings and Retirement Plan
Statements of Net Assets Available for Plan Benefits
December 31, 2016 and 2015

	2016	2015
Assets:		
Investments, at fair value	$ 24,903,895	$ 22,075,913
Investments, at contract value	7,781,234	6,648,000
Total investments	32,685,129	28,723,913
Receivables:		
Participant contributions	146,508	36,979
Employer contributions	83,235	20,140
Notes receivable from participants	1,048,221	992,088
Total receivables	1,277,964	1,049,207
Net assets available for plan benefits	$ 33,963,093	$ 29,773,120

See accompanying notes to financial statements.

Biotest Pharmaceuticals Savings and Retirement Plan
Statement of Changes in Net Assets Available for Plan Benefits
For the Year Ended December 31, 2016

Additions to net assets attributed to:		
Investment income:		
Net appreciation in fair value of investments	$	383,335
Interest income earned on Guaranteed Interest Contract		215,632
Dividend income		1,218,003
Total investment income		1,816,970
Interest income on notes receivable from participants		34,198
Contributions:		
Participants		2,587,943
Employer		1,398,744
Rollover		1,155,470
Total contributions		5,142,157
Total additions		6,993,325
Deductions from net assets attributed to:		
Benefits paid to participants		(2,783,931)
Administrative expenses		(19,421)
Total deductions		(2,803,352)
Net increase in net assets available for plan benefits		4,189,973
Net assets available for plan benefits, beginning of year		29,773,120
Net assets available for plan benefits, end of year	$	33,963,093

See accompanying notes to financial statements.

Note 1 – Description of Plan

Biotest Pharmaceuticals Savings and Retirement Plan (the "Plan") was established on December 4, 2007. The Plan is a defined contribution plan covering all eligible employees of Biotest Pharmaceuticals Corporation (the "Sponsor", the "Plan Administrator" or the "Company") and is maintained for the exclusive benefit of its employees and their beneficiaries. The terms of the Plan permit employees to make elective contributions to the Plan out of their compensation. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended ("ERISA").

The following is a brief description of the Plan and is provided for general information. Participants should refer to the Plan document for a more complete description of the Plan's provisions.

Plan Restatement

Effective January 1, 2016, the Plan was restated in order to maintain compliance with various laws and regulations as promulgated by the Department of Labor ("DOL") and Internal Revenue Service ("IRS"). There were no changes to the terms of the Plan Document except as required to ensure that the Plan maintained its qualified tax status.

Plan Administration

The Plan is collectively administered by MassMutual Retirement Services ("MMRS"), the Plan Sponsor, Reliance Trust Company ("Reliance") and Massachusetts Mutual Life Insurance Company ("MassMutual"). Reliance and MassMutual have been appointed the Joint Custodians of the Plan's assets, and Reliance is the Trustee of the Plan.

During 2015, State Street Bank and Trust Company ("State Street") notified the Plan Sponsor that it was terminating its agreement with MMRS, and on June 12, 2015, Reliance replaced State Street as the Trustee of the Plan and Custodian of the Plan's assets.

Under the terms of the agreement, the Custodians hold and invest the funds of the Plan subject to the direction of the 401(k) plan participants. Upon enrollment in the Plan, participants can allocate participant and Company contributions in any of the investment options offered by the Plan. Participants may change their investment options at any time.

Eligibility

Full-time exempt and non-exempt employees are eligible to participate in the Plan after 90 days of service. Part-time employees are eligible to participate in the Plan after 1,000 hours of service.

Contributions

Each year, a participant may defer up to 100% of total compensation through periodic payroll deductions up to contribution limits specified by the Internal Revenue Code, ("IRC"): $18,000 in 2016. Participants who have attained the age of 50 before the last day of the Plan year are permitted to make "catch-up" contributions in accordance with IRC limitations. The "catch-up" amount for 2016 was $6,000.

The Plan is a "safe harbor 401(k) plan". The Company makes a safe harbor matching contribution equal to 100% of the participants' salary deferrals that do not exceed 4% of the participant's eligible compensation. The safe harbor matching contributions are 100% vested.

Note 1 – Description of Plan, continued

Contributions, continued

The Plan also permits the Company to contribute discretionary contributions, qualified non-elective contributions and profit sharing contributions. Employees must be employed on the last day of the year to receive these contributions. There was $993 of qualified non-elective contributions in 2016. There were no profit sharing contributions in 2016.

The Plan allows participants to rollover amounts into the Plan from other qualified plans, subject to the provisions of the Plan.

Vesting

Each participant is 100% vested in their own contributions, Company contributions and the related investment earnings.

Payment of Benefits

Participants may elect to receive lump a sum distribution upon termination, retirement, disability, death or attainment of age 59 ½. The Plan also allows for hardship distributions based on proven financial need, as defined by the Code. The Plan automatically distributes participant accounts with balances less than $5,000 upon termination of employment. If the participant's account balance is between $1,000 and $5,000, the distribution may be taken in cash or rolled into an Individual Retirement Account ("IRA") account or other qualified plan.

Participant Accounts

Each participant's account is credited with the participant's contributions and allocations of (a) Company contributions and (b) Plan investment results, and is charged with an allocation of administrative expenses. Allocations are based on participant account balances, as defined. The benefit to which a participant is entitled is the benefit that can be provided by the participant's account balance.

Notes Receivable from Participants

Participants may borrow from their Plan accounts subject to a minimum of $1,000 and a maximum equal to the lesser of $50,000 or 50% of the participant's vested account balance. Loan terms range from one (1) to five (5) years, or longer for the purchase of a primary residence. Only one (1) loan is allowable at any given time. The loan is secured by the balance in the participant's account, and charged a rate of interest based on the prime rate on the date the loan is approved. Principal and interest are repaid ratably through payroll deductions.

Note 2 – Summary of Significant Accounting Policies

Basis of Accounting

The financial statements of the Plan have been prepared under the accrual basis of accounting in conformity with Generally Accepted Accounting Principles in the United States of America ("GAAP").

Use of Estimates

The preparation of financial statements in conformity with GAAP requires management to make estimates that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from those estimates.

Note 2 – Summary of Significant Accounting Policies, continued

Notes Receivable from Participants

Loans to participants are reported at their unpaid principal balances, plus any accrued but unpaid interest.

Investment Valuation and Income Recognition

Investments are required to be reported at fair value, except for investments in fully benefit-responsive investment contracts ("FBRICs"). Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. FBRICs are reported at contract value because contract value is the amount that participants would receive if they were to initiate permitted transactions under the terms of the Plan. The Plan invests in a FBRIC through a Guaranteed Interest Contract ("GIC"). See Note 5 for discussion on the GIC. See Note 4 for discussions of fair value measurements.

Pursuant to an investment contract with MMRS, the Custodian maintains the Plan assets in accordance with the Plan's Group Annuity Contract, and invests all Plan assets in accordance with the participants' instructions in various funds offered from time to time under the Group Annuity Contract.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on an accrual basis. Dividends are recorded on the ex-dividend date. Net depreciation includes the Plan's losses and gains on investments bought and sold, as well as investments held during the year.

Administrative Expenses

Transaction fees charged for certain distributions form the Plan are charged directly to participant accounts and are presented as administrative expenses in the accompanying financial statements. All other operating expenses of the Plan are paid by the Company and are therefore excluded from these financial statements.

Benefit Payments

Benefit payments to participants are recorded when paid.

Recent Accounting Pronouncement

In 2015, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update ("ASU") No. 2015-10, *Technical Corrections and Improvements* for accounting guidance in a number of areas. Certain provisions of this guidance are effective as of the beginning of the 2016 Plan year, with early adoption permissible. The Plan adopted this standard effective as of the beginning of 2015, and the adoption did not have a material impact on the Plan's financial statements.

Date of Management's Review

Subsequent events were evaluated through October 19, 2017, which is the date the financial statements were available to be issued.

Note 3 – Investments as Certified by the Custodians

The Plan Administrator has elected the method of compliance as permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosures under ERISA. Accordingly, as permitted under such election, the Plan's independent auditors have been instructed not to perform any auditing procedures with respect to the following information certified by the Joint Custodians, except for comparing such information certified by the Joint Custodians to information in the Plan's financial statements and supplemental schedule of assets held for investment purposes at the end of the year.

Note 4 – Fair Value Measurements

FASB *Accounting Standards Codification* (ASC) 820, *Fair Market Value Measurements and Disclosures*, provides the framework for measuring fair value. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (level 1 measurements) and the lowest priority to unobservable inputs (level 3 measurements). The three levels of the fair value hierarchy under FASB ASC 820 are defined as follows:

Level 1: Quoted prices in active markets for identical assets or liabilities;

Level 2: Observable inputs other than Level 1 prices such as quoted prices for similar assets or liabilities; quoted market prices in markets that are not active; or model-derived valuations or other inputs that are observable or can be corroborated by observable market data for substantially the full term of the assets or liabilities;

Level 3: Unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets or liabilities.

The following is a description of the valuation methodologies used for assets measured at fair value.

Mutual Funds: Valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-ended mutual funds that are registered with the Securities and Exchange Commission. These funds are required to publish their daily net asset value ("NAV") and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

The methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

Note 4 – Fair Value Measurements, continued

The following tables set forth by level, within the fair value hierarchy, the Plan's investments at fair value:

	Fair Value Measurements at December 31, 2016			
	Level 1	Level 2	Level 3	Fair Value
Mutual funds	$ 24,903,895	$ -	$ -	$ 24,903,895

	Fair Value Measurements at December 31, 2015			
	Level 1	Level 2	Level 3	Fair Value
Mutual funds	$ 22,075,913	$ -	$ -	$ 22,075,913

Note 5 – Guaranteed Interest Contract with Insurance Company

The Plan offers a market value separate account investment option with a GIC that provides for a stated rate of return and insulates participants' accounts from daily fluctuations in the market fund. Participants may withdraw or transfer all or portions of their balance in this investment option at Contract Value.

Because the GIC is fully benefit-responsive, contract value is the relevant measurement attribute for that portion of the net assets available for Plan benefits. Contract value, as reported to the Plan by the GIC, represents contributions made under the contract, plus earnings, less participant withdrawals and administrative expenses.

Certain events may limit the ability of the Plan to transact at contract value. Such events include, but may not be limited to the following: (1) the complete or partial termination of the Plan; (2) the establishment or activation of, or material change in, any Plan investment fund, or an amendment to the Plan or a change in the administration or operation of the Plan, such as the removal of a group of employees from Plan coverage as a result of the sale or liquidation of a division of the Company or as a result of group layoffs or early retirement programs.

Note 6 – Plan Termination

Although it has not expressed any intent to do so, the Sponsor reserves the right to discontinue its contributions at any time and to terminate the Plan, subject to the provisions of ERISA. If the Plan were terminated, participants would remain 100% vested in their own contributions, the Company contributions, and their related earnings, and the net assets would be distributed to the participants.

Note 7 – Income Tax Status

The Plan obtained its latest determination letter on March 31, 2014, in which the IRS stated that the Plan, as then designed, was in compliance with the applicable requirements of the IRC. The Plan has been amended since receiving the determination letter. However, the Plan Administrator believes that the Plan is currently designed and being operated in compliance with the applicable requirements of the IRC. Accordingly, no provisions for income taxes have been included in the Plan's financial statements.

GAAP requires plan management to evaluate tax positions taken by the Plan and recognize a tax liability if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan Administrator has analyzed the tax positions taken by the Plan, and has concluded that at December 31, 2016 and 2015, there are no uncertain positions taken or expected to be taken that would require recognition of a liability or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress. The Plan is not subject to income tax examinations for years prior to 2013.

Note 8 – Party-in-Interest Transactions

All Plan investments held at December 31, 2016 were invested by MassMutual and Reliance, the Joint Custodians. The Joint Custodians are considered parties-in-interest. Certain investments and investment activity as reported by the Custodians and presented in the accompanying financial statements were considered transactions with a parties-in-interest, according to the Department of Labor guidelines. Fees paid by the Plan for investment management services amounted to $19,421 for the year ended December 31, 2016.

Certain employees of the Plan had outstanding loans (notes receivable from participants) with the Plan at December 31, 2016 and 2015. These loans were considered party-in-interest transactions according to the Department of Labor guidelines. Total outstanding loans at December 31, 2016 and 2015, were $1,048,221 and $992,088, respectively.

Note 9 – Risks and Uncertainties

In general, the investments provided by the Plan are exposed to various risks, including, but not limited to, interest rate, credit default and overall market volatility risks. Due to the level of risk associated with certain investment securities and the level of uncertainty related to changes in the value of investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the statements of net assets available for Plan benefits.

Note 10 – Commitments and Contingencies

In January 2015, the Plan Sponsor was notified that MassMutual had settled a class-action lawsuit alleging that MassMutual had violated ERISA regulations by receiving payments from mutual fund companies whose funds were offered as investment options to 401(k) and 401(a) retirement plans, also known as revenue-sharing payments. The Plan Committee elected to participate in the settlement and the Plan received approximately $800 as part of this settlement agreement during 2016.

Note 11 – Reconciliation of Financial Statements to Schedule H of Form 5500

The following is a reconciliation of net assets available for Plan benefits per the financial statements to Schedule H of Form 5500 at December 31:

	2016	2015
Net assets available for Plan benefits per the financial statements	$ 33,963,093	$ 29,773,120
Contributions receivable from participants	(146,508)	(36,979)
Contributions receivable from employer	(83,235)	(20,140)
Net assets available for Plan benefits per schedule H of Form 5500	$ 33,733,350	$ 29,716,001

The following is a reconciliation of participants' contributions per the financial statements to Schedule H of Form 5500 for the year ended December 31:

	2016
Contributions received from participants per the financial statements	$ 2,587,943
Contributions receivable from participants in current year	(146,508)
Contributions receivable from participants in prior year	36,979
Contributions received from participants per Schedule H of Form 5500	$ 2,478,414

The following is a reconciliation of employer contributions per financial statements to Schedule H of Form 5500 for the year ended December 31:

	2016
Contributions received from employer per the financial statements	$ 1,398,744
Contributions receivable from employer in current year	(83,235)
Contributions receivable from employer in prior year	20,140
Contributions received from employer per Schedule H of Form 5500	$ 1,335,649

Note 12 – Subsequent Events

Effective January 1, 2017, the Plan was amended to modify the Plan's eligibility requirements for full-time employees to 30 days of service and for part-time employees to immediately upon the completion of 1,000 hours of service.

Effective April 1, 2017, the Plan was amended to allow for participant loans to not become due or payable in full upon the participant's termination of employment.

On June 6, 2017, the Plan Sponsor sold its U.S. therapy business to ADMA Biologics of Ramsey, N.J. This transaction had no impact on the Plan.

Supplemental Schedule

Biotest Pharmaceuticals Savings and Retirement Plan
Schedule H, Line 4i – Schedule of Assets (Held at End of Year)
December 31, 2016

Plan Sponsor's EIN: 26-1251037
Plan No.: 001

(a) * Party-in-Interest	(b) Identity of issuer, borrower, lessor, or similar party	(c) Description of investment, including maturity date, rate of interest, collateral, par or maturity value	(d) ** Cost	(e) Current Value	
*	Guaranteed Interest Contract	Guaranteed interest contract	**	$ 7,781,234	***
*	MM Select Fundamental Value Fund (Wellington)	Mutual Fund	**	3,834,219	
	Select Overseas Fund (MFS/Hrs/JPM)	Mutual Fund	**	2,833,594	
	American Funds Growth Fund of America	Mutual Fund	**	2,513,468	
*	MM Select Growth Opportunities Fund	Mutual Fund	**	2,197,336	
	Total Return Fund (PIMCO)	Mutual Fund	**	1,815,300	
	Invesco Small Cap Discovery Fund	Mutual Fund	**	1,556,109	
	Allianz NFJ Small Cap Value Fund	Mutual Fund	**	1,426,998	
	Wells Fargo Adv Sp Mid Cap Value Fund	Mutual Fund	**	1,302,953	
	T. Rowe Price Retirement Income 2030 Fund	Mutual Fund	**	1,277,686	
	T. Rowe Price Retirement Income 2035 Fund	Mutual Fund	**	1,038,443	
	T. Rowe Price Retirement Income 2020 Fund	Mutual Fund	**	736,241	
	T. Rowe Price Retirement Income 2050 Fund	Mutual Fund	**	629,620	
	Prudential Jennison Mid Cap Growth Fund	Mutual Fund	**	614,584	
	T. Rowe Price Retirement Income 2025 Fund	Mutual Fund	**	613,906	
*	MM S&P 500 Index Fund (Northern Trust)	Mutual Fund	**	586,724	
	T. Rowe Price Retirement Income 2040 Fund	Mutual Fund	**	508,904	
	T. Rowe Price Retirement Income 2045 Fund	Mutual Fund	**	501,154	
*	MM S&P Md Cp Indx Fd (Northern Trust)	Mutual Fund	**	408,868	
	T. Rowe Price Retirement Income 2015 Fund	Mutual Fund	**	258,295	
	AllianceBernstein Global Bond Fund	Mutual Fund	**	133,294	
	T. Rowe Price Retirement Income Fund	Mutual Fund	**	74,299	
	T. Rowe Price Retirement Income 2005 Fund	Mutual Fund	**	27,903	
	T. Rowe Price Retirement Income 2055 Fund	Mutual Fund	**	13,779	
*	Holding Account(U)	Mutual Fund	**	218	
*	Participant loans	Interest rates from 3.25% to 9.25%, maturity dates ranging from 1 to 27 years	-0-	1,048,221	
				$ 33,733,350	

* Represent a party-in-interest transactions, as defined by ERISA.
** Cost omitted for participant directed investments.
*** This amount represents contract value for this investment.

Certified as complete and accurate by Plan Custodians.

A Name of Plan	B Three-digit plan Number
Biotest Pharmaceuticals Savings & Retirement Plan	**001**
C Plan sponsor's name as shown on line 2a of Form 5500	**D Employer Identification Number**
Biotest Pharmaceuticals Corp	**261251037**

Schedule C Formula Description and/or EIC Statement Description

Service Provider Name	Service Provider EIN	Service Provider Address	Formula / EIC Statement
AB Funds	134064930		MassMutual provided the Plan with the required written disclosure for Management Fees received by AB Funds with respect to AB Global Bond Fund (MF-FS).
Allianz Global Investors	330457728		MassMutual provided the Plan with the required written disclosure for Management Fees received by Allianz Global Investors with respect to AllianzGI NFJ Small Cap Value Fund (MF-WW).
American Funds	520792143		MassMutual provided the Plan with the required written disclosure for Management Fees received by American Funds with respect to American Funds Grth Fund of America (MF-GW).
Invesco	760343427		MassMutual provided the Plan with the required written disclosure for Management Fees received by Invesco with respect to Invesco Small Cap Discovery Fund (MF-RD).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to Sel Gr Opportunities Fd (Sands/JSP) (MR-LD).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to Sel Overseas Fd (MFS/Harris/JPMrgn) (MR-YH).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to Select Fndmntl Val Fd (Wellington) (MR-SK).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to AllianzGI NFJ Small Cap Value Fund (MF-WW).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to American Funds Grth Fund of America (MF-GW).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to Invesco Small Cap Discovery Fund (MF-RD).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to Prudential Jennison Mid Cap Gr Fd (MF-T).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to T. Rowe Price Retirement 2005 Fund (MF-CO).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to T. Rowe Price Retirement 2010 Fund (MF-FT).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to T. Rowe Price Retirement 2015 Fund (MF-DO).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to T. Rowe Price Retirement 2020 Fund (MF-LT).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to T. Rowe Price Retirement 2025 Fund (MF-EO).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to T. Rowe Price Retirement 2030 Fund (MF-PT).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to T. Rowe Price Retirement 2035 Fund (MF-FO).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to T. Rowe Price Retirement 2040 Fund (MF-QT).
Massachusetts Mutual Life Insurance	041590850		MassMutual provided the plan with the required written disclosure for 12b-1 Fees received

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Company		by MassMutual with respect to T. Rowe Price Retirement 2045 Fund (MF-GO).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to T. Rowe Price Retirement 2050 Fund (MF-OT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to T. Rowe Price Retirement 2055 Fund (MF-HO).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to T. Rowe Price Retirement Bal Fund (MF-BT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to Total Return Fund (PIMCO) (MF-WZ).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for float revenue received by MassMutual.
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to MM S&P 500 Index Fd(Northern Trust) (MF-X).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to MM S&P Mid Cap Index Fund (Nrtn Tr) (MF-CBW).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to Prem U.S. Govt Mny Mkt Fd (Barings) (MF-G).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to SAGIC (60303).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to Sel Gr Opportunities Fd (Sands/JSP) (MF-LD).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to Sel Overseas Fd (MFS/Harris/JPMrgn) (MF-YH).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to Select Fndmntl Val Fd (Wellington) (MF-SK).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (10 basis points * plan assets) with respect to Prem U.S. Govt Mny Mkt Fd (Barings) (MF-G).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (10 basis points * plan assets) with respect to Select Fndmntl Val Fd (Wellington) (MF-SK).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (15 basis points * plan assets) with respect to Sel Gr Opportunities Fd (Sands/JSP) (MF-LD).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (15 basis points * plan assets) with respect to Sel Overseas Fd (MFS/Harris/JPMrgn) (MF-YH).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (20 basis points * plan assets) with respect to MM S&P 500 Index Fd(Northern Trust) (MF-X).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (20 basis points * plan assets) with respect to MM S&P Mid Cap Index Fund (Nrtn Tr) (MF-CBW).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (10 basis points * plan assets) with respect to American Funds Grth Fund of America (MF-GW).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (15 basis points * plan assets) with respect to T. Rowe Price Retirement 2005 Fund (MF-CO).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (15 basis points * plan assets) with respect to T. Rowe Price Retirement 2010 Fund (MF-FT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (15 basis points * plan assets) with respect to T. Rowe Price Retirement 2015 Fund (MF-DO).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (15 basis points * plan assets) with respect to T. Rowe Price Retirement 2020 Fund (MF-LT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (15 basis points * plan assets) with respect to T. Rowe Price Retirement 2025 Fund (MF-EO).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (15 basis points * plan assets) with respect to T. Rowe Price Retirement 2030 Fund (MF-PT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (15 basis points * plan assets) with respect to T. Rowe Price Retirement 2035 Fund (MF-FO).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (15 basis points * plan assets) with respect to T. Rowe Price Retirement 2040 Fund (MF-QT).
Massachusetts Mutual Life Insurance	041590850	MassMutual received estimated Sub-TA Fees of (15 basis points * plan assets) with

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Company		respect to T. Rowe Price Retirement 2045 Fund (MF-GO).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (15 basis points * plan assets) with respect to T. Rowe Price Retirement 2050 Fund (MF-OT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (15 basis points * plan assets) with respect to T. Rowe Price Retirement 2055 Fund (MF-HO).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (15 basis points * plan assets) with respect to T. Rowe Price Retirement Bal Fund (MF-BT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (15 basis points * plan assets) with respect to Total Return Fund (PIMCO) (MF-WZ).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (20 basis points * plan assets) with respect to AllianzGI NFJ Small Cap Value Fund (MF-WW).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (20 basis points * plan assets) with respect to Prudential Jennison Mid Cap Gr Fd (MF-T).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (25 basis points * plan assets) with respect to AB Global Bond Fund (MF-FS).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (30 basis points * plan assets) with respect to Invesco Small Cap Discovery Fund (MF-RD).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (35 basis points * plan assets) with respect to Wells Fargo Special Mid Cap Val Fd (MF-VR).
PIMCO Funds	330239892	MassMutual provided the Plan with the required written disclosure for Management Fees received by PIMCO Funds with respect to Total Return Fund (PIMCO) (MF-WZ).
Prudential	132631108	MassMutual provided the Plan with the required written disclosure for Management Fees received by Prudential with respect to Prudential Jennison Mid Cap Gr Fd (MF-T).
T. Rowe Price	200001631	MassMutual provided the Plan with the required written disclosure for Management Fees received by T. Rowe Price with respect to T. Rowe Price Retirement 2010 Fund (MF-FT).
T. Rowe Price	200001634	MassMutual provided the Plan with the required written disclosure for Management Fees received by T. Rowe Price with respect to T. Rowe Price Retirement 2020 Fund (MF-LT).
T. Rowe Price	200001636	MassMutual provided the Plan with the required written disclosure for Management Fees received by T. Rowe Price with respect to T. Rowe Price Retirement 2030 Fund (MF-PT).
T. Rowe Price	200001638	MassMutual provided the Plan with the required written disclosure for Management Fees received by T. Rowe Price with respect to T. Rowe Price Retirement 2040 Fund (MF-QT).
T. Rowe Price	510612044	MassMutual provided the Plan with the required written disclosure for Management Fees received by T. Rowe Price with respect to T. Rowe Price Retirement 2050 Fund (MF-OT).
T. Rowe Price	521151266	MassMutual provided the Plan with the required written disclosure for Management Fees received by T. Rowe Price with respect to T. Rowe Price Retirement 2005 Fund (MF-CO).
T. Rowe Price	521151266	MassMutual provided the Plan with the required written disclosure for Management Fees received by T. Rowe Price with respect to T. Rowe Price Retirement 2015 Fund (MF-DO).
T. Rowe Price	521151266	MassMutual provided the Plan with the required written disclosure for Management Fees received by T. Rowe Price with respect to T. Rowe Price Retirement 2025 Fund (MF-EO).
T. Rowe Price	521151266	MassMutual provided the Plan with the required written disclosure for Management Fees received by T. Rowe Price with respect to T. Rowe Price Retirement 2035 Fund (MF-FO).
T. Rowe Price	521151266	MassMutual provided the Plan with the required written disclosure for Management Fees received by T. Rowe Price with respect to T. Rowe Price Retirement 2055 Fund (MF-HO).
T. Rowe Price	522264646	MassMutual provided the Plan with the required written disclosure for Management Fees received by T. Rowe Price with respect to T. Rowe Price Retirement 2045 Fund (MF-GO).
T. Rowe Price	562294396	MassMutual provided the Plan with the required written disclosure for Management Fees received by T. Rowe Price with respect to T. Rowe Price Retirement Bal Fund (MF-BT).
Wells Fargo	410449260	MassMutual provided the Plan with the required written disclosure for Management Fees received by Wells Fargo with respect to Wells Fargo Special Mid Cap Val Fd (MF-VR).

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Schedule C Soft Dollar Compensation
Eligible Indirect Compensation Statement

Mutual fund investments of the plan (whether direct or indirect through a separate investment account) may have soft dollar arrangements pursuant to which the investment advisor or sub-advisor to the mutual fund (and/or its affiliates) may direct trades to certain brokers in exchange for research and other services, other than just trade execution. For plans investing directly or indirectly in the MassMutual Premier or Select Funds, MassMutual provided the required written disclosure regarding soft dollar compensation on the Schedule C Formula Description and/or EIC Statement Description Attachment. For all other mutual funds, MassMutual provided the required written disclosure in the Statement of Additional Information ("SAI").

For additional information on soft dollar compensation, refer to the section of the mutual fund's SAI that discusses brokerage allocation and other practices.

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A Name of Plan	B Three-digit plan Number
Biotest Pharmaceuticals Savings & Retirement Plan	**001**
C Plan sponsor's name as shown on line 2a of Form 5500	**D Employer Identification Number**
Biotest Pharmaceuticals Corp	**261251037**

Schedule H, line 4i - Schedule of Assets (Held At End of Year)

(a)	(b) Identity of issue, borrower, lessor, or similar part	(c) Description of investment including maturity date, rate of interest,collateral, par, or maturity value	(d) Cost	(e) Current Value
*	MassMutual	Guaranteed Interest Account	7,781,234	7,781,234
*	MassMutual Premier	Holding Account - MF-G	0	218
*	T. Rowe Price	MF-BT	75,632	74,299
*	MassMutual Select	MF-CBW	416,648	408,868
*	T. Rowe Price	MF-CO	28,447	27,903
*	T. Rowe Price	MF-DO	265,957	258,295
*	T. Rowe Price	MF-EO	633,082	613,906
*	T. Rowe Price	MF-FO	1,074,546	1,038,443
*	AllianceBernstein	MF-FS	134,316	133,294
*	T. Rowe Price	MF-FT	0	0
*	T. Rowe Price	MF-GO	518,431	501,154
*	American Funds	MF-GW	1,830,549	2,513,468
*	T. Rowe Price	MF-HO	13,780	13,779
*	MassMutual Select	MF-LD	2,514,846	2,197,336
*	T. Rowe Price	MF-LT	759,238	736,241
*	T. Rowe Price	MF-OT	648,115	629,620
*	T. Rowe Price	MF-PT	1,328,971	1,277,686
*	T. Rowe Price	MF-QT	530,112	508,904
*	Invesco	MF-RD	1,760,318	1,556,109
*	MassMutual Select	MF-SK	4,285,552	3,834,219
*	Prudential	MF-T	646,197	614,584
*	Wells Fargo	MF-VR	1,214,721	1,302,953
*	Allianz Global Investors	MF-WW	1,535,255	1,426,998
*	PIMCO Funds	MF-WZ	1,919,565	1,815,300
*	MassMutual Select	MF-X	602,912	586,724
*	MassMutual Select	MF-YH	3,055,013	2,833,594
	Participant Loans	3.250000 - 9.250000	0	1,048,221