BIOGEN IDEC INC

Form 4

December 16, 2004

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person * **MULLEN JAMES C**

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

BIOGEN IDEC INC [BIIB]

(Check all applicable)

(Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year)

Filed(Month/Day/Year)

12/13/2004

_X__ Director below)

10% Owner X_ Officer (give title _ Other (specify

14 CAMBRIDGE CENTER

4. If Amendment, Date Original

CEO & President

6. Individual or Joint/Group Filing(Check

Applicable Line) _X_ Form filed by One Reporting Person

(Street)

Form filed by More than One Reporting

Person

CAMBRIDGE, MA 02	2142
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(City)	(State)	(Zip) Tab	le I - Non-	Derivativ	e Secu	rities Acqui	red, Disposed of,	or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	omr Dispo (Instr. 3,	esed of 4 and (A) or	` ′	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	12/13/2004		M	1,175	A	\$ 16.9	1,175	D	
Common Stock	12/13/2004		S <u>(1)</u>	1,175	D	\$ 65.7667	0	D	
Common Stock	12/13/2004		M	4,325	A	\$ 15.54	46,000	D	
Common Stock	12/13/2004		S <u>(1)</u>	325	D	\$ 65.7667	45,675	D	
Common Stock	12/13/2004		S <u>(1)</u>	1,000	D	\$ 65.0119	44,675	D	

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Common Stock	12/13/2004	S(1)	1,500	D	\$ 65.6947	43,175	D
Common Stock	12/13/2004	S(1)	1,500	D	\$ 65.68	41,675	D
Common Stock						94,252	D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474

(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. Number on Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and A Underlying S (Instr. 3 and	Securities
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amoun or Number of Shares
Stock Option (right-to-buy) (2)	\$ 16.9	12/13/2004		M	1,175	(3)	12/06/2006	Common Stock	1,175
Stock Option (right-to-buy)	\$ 15.54	12/13/2004		S	4,325	<u>(4)</u>	12/12/2007	Common Stock	4,325

Reporting Owners

Reporting Owner Name / Address	Relationships						
1 6	Director	10% Owner	Officer	Other			
MULLEN JAMES C 14 CAMBRIDGE CENTER CAMBRIDGE, MA 02142	X		CEO & President				

Reporting Owners 2

Date

Signatures

By: Benjamin S. Harshbarger; For: James C.
Mullen

12/16/2004

**Signature of Reporting Person

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Sale pursuant to a trading plan intended to comply with Rule 10b5-1 of the Securities Exchange Act of 1934.
- (2) Granted under one of the Issuer's stock option plans, in an exempt transaction under SEC rule 16(b)-3(d).
- (3) The stock option became exercisable in six (6) equal annual installments, commencing one year after the grant date of 12/06/96.
- (4) The stock option became exercisable in five (5) equal annual installments, commencing one year after the grant date of 12/12/97.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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