

BIOGEN IDEC INC.  
Form 4  
April 15, 2008

**FORM 4**

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

OMB APPROVAL

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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

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

(Print or Type Responses)

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

(Last) (First) (Middle)

14 CAMBRIDGE CENTER

(Street)

CAMBRIDGE, MA 02142

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
BIOGEN IDEC INC. [BIIB]

3. Date of Earliest Transaction (Month/Day/Year)  
04/11/2008

4. If Amendment, Date Original Filed (Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
CEO & President

6. Individual or Joint/Group Filing (Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	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 Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	04/11/2008		M <sup>(1)</sup>		345,000	A	\$ 37.45
Common Stock	04/11/2008		M <sup>(1)</sup>		150,000	A	\$ 43.5
Common Stock	04/11/2008		M <sup>(1)</sup>		143,750	A	\$ 45.46
Common Stock	04/11/2008		M <sup>(1)</sup>		107,000	A	\$ 44.59
Common Stock	04/11/2008		S <sup>(1)</sup>		500	D	\$ 64.04

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Common Stock	04/11/2008	<u>S(1)</u>	700	D	\$ 64.06	881,050	D
Common Stock	04/11/2008	<u>S(1)</u>	100	D	\$ 64.07	880,950	D
Common Stock	04/11/2008	<u>S(1)</u>	300	D	\$ 64.08	880,650	D
Common Stock	04/11/2008	<u>S(1)</u>	300	D	\$ 64.09	880,350	D
Common Stock	04/11/2008	<u>S(1)</u>	2,298	D	\$ 64.1	878,052	D
Common Stock	04/11/2008	<u>S(1)</u>	2,802	D	\$ 64.11	875,250	D
Common Stock	04/11/2008	<u>S(1)</u>	2,700	D	\$ 64.13	872,550	D
Common Stock	04/11/2008	<u>S(1)</u>	1,900	D	\$ 64.14	870,650	D
Common Stock	04/11/2008	<u>S(1)</u>	2,400	D	\$ 64.15	868,250	D
Common Stock	04/11/2008	<u>S(1)</u>	1,700	D	\$ 64.16	866,550	D
Common Stock	04/11/2008	<u>S(1)</u>	2,300	D	\$ 64.17	864,250	D
Common Stock	04/11/2008	<u>S(1)</u>	456	D	\$ 64.18	863,794	D
Common Stock	04/11/2008	<u>S(1)</u>	2,800	D	\$ 64.19	860,994	D
Common Stock	04/11/2008	<u>S(1)</u>	1,444	D	\$ 64.2	859,550	D
Common Stock	04/11/2008	<u>S(1)</u>	2,200	D	\$ 64.21	857,350	D
Common Stock	04/11/2008	<u>S(1)</u>	3,110	D	\$ 64.22	854,240	D
Common Stock	04/11/2008	<u>S(1)</u>	5,492	D	\$ 64.23	848,748	D
Common Stock	04/11/2008	<u>S(1)</u>	5,389	D	\$ 64.24	843,359	D
Common Stock	04/11/2008	<u>S(1)</u>	4,042	D	\$ 64.25	839,317	D
Common Stock	04/11/2008	<u>S(1)</u>	12,620	D	\$ 64.26	826,697	D
	04/11/2008	<u>S(1)</u>	8,316	D		818,381	D

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Common Stock					\$ 64.27				
Common Stock	04/11/2008		S <sup>(1)</sup>	4,277	D	\$ 64.28	814,104	D	
Common Stock	04/11/2008		S <sup>(1)</sup>	5,781	D	\$ 64.29	808,323	D	
Common Stock							104,708	I	2008 GRAT
Common Stock							44,252	I	2006 GRAT

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

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**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. Transaction Code (Instr. 8)	5. Number of 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 Amount of Underlying Securities (Instr. 3 and 4)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy)	\$ 43.5	04/11/2008		M <sup>(1)</sup>	150,000	<sup>(3)</sup>	02/06/2014	Common Stock	150,000
Stock Option (right to buy)	\$ 44.59	04/11/2008		M <sup>(1)</sup>	107,000	<sup>(5)</sup>	02/07/2016	Common Stock	107,000
Stock Option (right to buy)	\$ 45.46	04/11/2008		M <sup>(1)</sup>	143,750	<sup>(6)</sup>	12/15/2010	Common Stock	143,750
Stock Option (right to buy)	\$ 37.45	04/11/2008		M <sup>(1)</sup>	345,000	<sup>(7)</sup>	12/06/2012	Common Stock	345,000

## Reporting Owners

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

## Signatures

Marcia J. Gookin, Attorney in fact for James C. Mullen	04/15/2008
<small>**Signature of Reporting Person</small>	<small>Date</small>

## 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) Exercise/sale pursuant to a trading plan intended to comply with Rule 10b5-1 of the Securities Exchange Act of 1934.
  - (2) Excludes 104,708 shares previously owned directly which were contributed to a grantor retained annuity trust in March 2008
  - (3) The stock options become exercisable in four (4) equal annual installments on 12/31/04, 12/31/05, 12/31/06 and 12/31/07.
  - (4) Granted under one of the Issuer's stock option plans, in an exempt transaction under SEC Rule 16(b)-3(d).
  - (5) The stock option becomes exercisable in four (4) equal annual installments, commencing one year after the grant date of 02/07/06.
  - (6) The stock option became exercisable in seven (7) equal annual installments, commencing one year after the grant date of 12/15/00.
  - (7) The stock option became exercisable in four (4) equal annual installments, commencing one year after the grant date of 12/06/02.

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