

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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(D)	Price
Common Stock	04/11/2008		S ⁽¹⁾		33,349	D	\$ 64.96
							356,636
Common Stock	04/11/2008		S ⁽¹⁾		17,348	D	\$ 64.97
							339,288
Common Stock	04/11/2008		S ⁽¹⁾		7,227	D	\$ 64.98
							332,061
Common Stock	04/11/2008		S ⁽¹⁾		400	D	\$ 64.985
							331,661
Common Stock	04/11/2008		S ⁽¹⁾		21,632	D	\$ 64.99
							310,029

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Common Stock	04/11/2008	<u>S(1)</u>	51,273	D	\$ 65	258,756	D
Common Stock	04/11/2008	<u>S(1)</u>	2,516	D	\$ 65.02	256,240	D
Common Stock	04/11/2008	<u>S(1)</u>	2,355	D	\$ 65.03	253,885	D
Common Stock	04/11/2008	<u>S(1)</u>	4,415	D	\$ 65.04	249,470	D
Common Stock	04/11/2008	<u>S(1)</u>	14,319	D	\$ 65.05	235,151	D
Common Stock	04/11/2008	<u>S(1)</u>	2,200	D	\$ 65.06	232,951	D
Common Stock	04/11/2008	<u>S(1)</u>	76	D	\$ 65.0625	232,875	D
Common Stock	04/11/2008	<u>S(1)</u>	2,400	D	\$ 65.07	230,475	D
Common Stock	04/11/2008	<u>S(1)</u>	11,954	D	\$ 65.08	218,521	D
Common Stock	04/11/2008	<u>S(1)</u>	4,891	D	\$ 65.09	213,630	D
Common Stock	04/11/2008	<u>S(1)</u>	3,723	D	\$ 65.1	209,907	D
Common Stock	04/11/2008	<u>S(1)</u>	2,301	D	\$ 65.11	207,606	D
Common Stock	04/11/2008	<u>S(1)</u>	1,609	D	\$ 65.12	205,997	D
Common Stock	04/11/2008	<u>S(1)</u>	719	D	\$ 65.13	205,278	D
Common Stock	04/11/2008	<u>S(1)</u>	1,786	D	\$ 65.14	203,492	D
Common Stock	04/11/2008	<u>S(1)</u>	3,061	D	\$ 65.15	200,431	D
Common Stock	04/11/2008	<u>S(1)</u>	200	D	\$ 65.16	200,231	D
Common Stock	04/11/2008	<u>S(1)</u>	700	D	\$ 65.17	199,531	D
Common Stock	04/11/2008	<u>S(1)</u>	1,400	D	\$ 65.18	198,131	D
Common Stock	04/11/2008	<u>S(1)</u>	100	D	\$ 65.19	198,031	D
	04/11/2008	<u>S(1)</u>	4,724	D	\$ 65.2	193,307	D

Common Stock									
Common Stock	04/11/2008		S ⁽¹⁾	576	D	\$ 65.23	192,731	D	
Common Stock	04/11/2008		S ⁽¹⁾	61	D	\$ 65.24	192,670	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)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Beneficially (Instr. 5)
						Date Exercisable	Expiration Date	Title	Amount or Number of Shares

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

__Signature of Reporting Person

Date

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.

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