

BIOGEN IDEC INC.  
Form 4  
April 15, 2008

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**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 <sup>(1)</sup>               |   | 10,423  | D  | \$ 64.3 797,900                                       |
| Common Stock                    | 04/11/2008                           |  | S <sup>(1)</sup>               |   | 10,351  | D  | \$ 64.31 787,549                                      |
| Common Stock                    | 04/11/2008                           |  | S <sup>(1)</sup>               |   | 6,004   | D  | \$ 64.32 781,545                                      |
| Common Stock                    | 04/11/2008                           |  | S <sup>(1)</sup>               |   | 5,995   | D  | \$ 64.33 775,550                                      |
| Common Stock                    | 04/11/2008                           |  | S <sup>(1)</sup>               |   | 3,600   | D  | \$ 64.34 771,950                                      |

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|              |            |             |        |   |            |         |   |
|--------------|------------|-------------|--------|---|------------|---------|---|
| Common Stock | 04/11/2008 | <u>S(1)</u> | 3,551  | D | \$ 64.35   | 768,399 | D |
| Common Stock | 04/11/2008 | <u>S(1)</u> | 2,800  | D | \$ 64.36   | 765,599 | D |
| Common Stock | 04/11/2008 | <u>S(1)</u> | 700    | D | \$ 64.365  | 764,899 | D |
| Common Stock | 04/11/2008 | <u>S(1)</u> | 100    | D | \$ 64.3675 | 764,799 | D |
| Common Stock | 04/11/2008 | <u>S(1)</u> | 5,500  | D | \$ 64.37   | 759,299 | D |
| Common Stock | 04/11/2008 | <u>S(1)</u> | 100    | D | \$ 64.375  | 759,199 | D |
| Common Stock | 04/11/2008 | <u>S(1)</u> | 300    | D | \$ 64.3775 | 758,899 | D |
| Common Stock | 04/11/2008 | <u>S(1)</u> | 5,945  | D | \$ 64.38   | 752,954 | D |
| Common Stock | 04/11/2008 | <u>S(1)</u> | 100    | D | \$ 64.385  | 752,854 | D |
| Common Stock | 04/11/2008 | <u>S(1)</u> | 9,705  | D | \$ 64.39   | 743,149 | D |
| Common Stock | 04/11/2008 | <u>S(1)</u> | 8,804  | D | \$ 64.4    | 734,345 | D |
| Common Stock | 04/11/2008 | <u>S(1)</u> | 700    | D | \$ 64.405  | 733,645 | D |
| Common Stock | 04/11/2008 | <u>S(1)</u> | 300    | D | \$ 64.4075 | 733,345 | D |
| Common Stock | 04/11/2008 | <u>S(1)</u> | 7,372  | D | \$ 64.41   | 725,973 | D |
| Common Stock | 04/11/2008 | <u>S(1)</u> | 200    | D | \$ 64.415  | 725,773 | D |
| Common Stock | 04/11/2008 | <u>S(1)</u> | 100    | D | \$ 64.4175 | 725,673 | D |
| Common Stock | 04/11/2008 | <u>S(1)</u> | 10,733 | D | \$ 64.42   | 714,940 | D |
| Common Stock | 04/11/2008 | <u>S(1)</u> | 5,300  | D | \$ 64.43   | 709,640 | D |
| Common Stock | 04/11/2008 | <u>S(1)</u> | 100    | D | \$ 64.435  | 709,540 | D |
| Common Stock | 04/11/2008 | <u>S(1)</u> | 9,002  | D | \$ 64.44   | 700,538 | D |
|              | 04/11/2008 | <u>S(1)</u> | 5,372  | D | \$ 64.45   | 695,166 | D |

|              |            |  |                  |       |   |           |         |   |           |
|--------------|------------|--|------------------|-------|---|-----------|---------|---|-----------|
| Common Stock |            |  |                  |       |   |           |         |   |           |
| Common Stock | 04/11/2008 |  | S <sup>(1)</sup> | 500   | D | \$ 64.455 | 694,666 | D |           |
| Common Stock | 04/11/2008 |  | S <sup>(1)</sup> | 7,500 | D | \$ 64.46  | 687,166 | 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) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|

## Reporting Owners

| Reporting Owner Name / Address                               | Relationships |           |                 |       |
|--|---------------|-----------|-----------------|-------|
|  | Director      | 10% Owner | Officer         | Other |
| MULLEN JAMES C<br>14 CAMBRIDGE CENTER<br>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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