

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| OMB APPROVAL | |
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|--|--|--|---|--|--|--|--|--|
| 1. Name and Address of Reporting Person* <u>YOUNG WILLIAM</u> _____ (Last) (First) (Middle) <u>BIOGEN IDEC INC.</u> <u>133 BOSTON POST ROAD</u> _____ (Street) <u>WESTON MA 02493</u> _____ (City) (State) (Zip) | | | 2. Issuer Name and Ticker or Trading Symbol <u>BIOGEN IDEC INC. [BIIB]</u> | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below) | | |
| | | | 3. Date of Earliest Transaction (Month/Day/Year) <u>09/01/2011</u> | | | | | |
| | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> 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 | (A) or (D) | Price | | | |
| Common Stock | 09/01/2011 | | M ⁽¹⁾ | | 10,000 | A | \$34.34 | 36,859 | D | |
| Common Stock | 09/01/2011 | | M ⁽¹⁾ | | 12,500 | A | \$36.94 | 49,359 | D | |
| Common Stock | 09/01/2011 | | M ⁽¹⁾ | | 12,500 | A | \$66.29 | 61,859 | D | |
| Common Stock | 09/01/2011 | | S ⁽¹⁾ | | 35,000 | D | \$95 | 26,859 | D | |

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 Securities Underlying Derivative Security (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | |
|--|--|--------------------------------------|--|--------------------------------|---|--|--------|--|-----------------|---|--|--|---|--|-------|
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | | | | | | Title |
| Stock Option (Right to Buy) | \$34.34 | 09/01/2011 | | M ⁽¹⁾ | | | 10,000 | 01/02/2004 | 01/01/2013 | Common Stock | 10,000 | \$0 | 0 | D | |
| Non-qualified Stock Option (Right to Buy) ⁽²⁾ | \$36.94 | 09/01/2011 | | M ⁽¹⁾ | | | 12,500 | 01/02/2004 ⁽³⁾ | 01/01/2014 | Common Stock | 12,500 | \$0 | 0 | D | |
| Stock Option (Right to Buy) ⁽⁴⁾ | \$66.29 | 09/01/2011 | | M ⁽¹⁾ | | | 12,500 | ⁽⁵⁾ | 01/03/2015 | Common Stock | 12,500 | \$0 | 0 | D | |

Explanation of Responses:

- Exercise/sale pursuant to a trading plan intended to comply with Rule 10b5-1 of the Securities Exchange Act of 1934.
- Granted under Issuer's 1993 Non-Employee Director's Stock Option Plan in a transaction exempt under 16(b)3(d).
- Immediately exercisable for all the option shares on 1/2/2004 subject to Issuer's repurchase rights which lapse on 1/2/2005.
- Granted under one of the Issuer's stock option plans, in an exempt transaction under SEC rule 16(b)-3(d).
- Immediately exercisable for all the option shares on grant date of 01/03/2005 subject to Issuer's repurchase rights which lapse on 01/03/2006.

Aras Lapinskas, Attorney in 09/02/2011
Fact for William D. Young

** Signature of Reporting Person Date

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

* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.