

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	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

1. Name and Address of Reporting Person* <u>Gagnon Robert E.</u> (Last) (First) (Middle) BIOGEN IDEC INC. 133 BOSTON POST ROAD (Street) WESTON MA 02493 (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) Director 10% Owner X Officer (give title below) Other (specify below) <u>Chief Acct Officer VP & Contr</u>
	3. Date of Earliest Transaction (Month/Day/Year) 01/04/2011	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

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	01/04/2011		S ⁽¹⁾		796	D	\$66.5697 ⁽³⁾⁽⁷⁾	10,814	D	
Common Stock	01/04/2011		M ⁽²⁾		1,554	A	\$49.59	12,368	D	
Common Stock	01/04/2011		S ⁽²⁾		1,554	D	\$66.5762 ⁽⁴⁾⁽⁷⁾	10,814	D	
Common Stock	01/04/2011		M ⁽²⁾		1,700	A	\$40.63	12,514	D	
Common Stock	01/04/2011		S ⁽²⁾		1,700	D	\$66.5535 ⁽⁵⁾⁽⁷⁾	10,814	D	
Common Stock	01/04/2011		M ⁽²⁾		1,053	A	\$49.65	11,867	D	
Common Stock	01/04/2011		S ⁽²⁾		1,053	D	\$66.5723 ⁽⁶⁾⁽⁷⁾	10,814	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						Amount or Number of Shares
Stock Option (Right to Buy)	\$49.59	01/04/2011		M ⁽²⁾			1,554	(8)	10/01/2018	Common Stock	1,554	\$0	1,556	D	
Stock Option (Right to Buy)	\$40.63	01/04/2011		M ⁽²⁾			1,700	(9)	10/31/2015	Common Stock	1,700	\$0	0	D	
Stock Option (Right to Buy)	\$49.65	01/04/2011		M ⁽²⁾			1,053	(10)	02/24/2019	Common Stock	1,053	\$0	3,162	D	

Explanation of Responses:

- Sale pursuant to a trading plan intended to comply with Rule 10b5-1 of the Securities Exchange Act of 1934.
- Exercise/sale pursuant to a trading plan intended to comply with Rule 10b5-1 of the Securities Exchange Act of 1934.
- This represents the weighted average price for shares sold at a range between \$66.33 (low) \$66.91 (high).
- This represents the weighted average price for shares sold at a range between \$66.35 (low) \$67.00 (high).
- This represents the weighted average price for shares sold at a range between \$66.33 (low) \$67.00 (high).
- This represents the weighted average price for shares sold at a range between \$66.33 (low) \$66.98 (high).
- Full information regarding the number of shares sold at each separate price will be provided upon request by the SEC staff, the issuer, or a security holder of the issuer.
- The stock options become exercisable in four (4) equal annual installments commencing one year after the grant date of 10/01/2008.
- The stock options become exercisable in four (4) equal annual installments commencing one year after the grant date of 10/31/2005.
- The stock options become exercisable in four (4) equal annual installments commencing one year after the grant date of 02/24/09.

Aras Lapinskas, Attorney in Fact for Robert E. Gagnon

01/05/2011

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.