

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
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1. Name and Address of Reporting Person * <u>PAPADOPOULOS STELIOS</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>03/11/2013</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	03/11/2013		M ⁽¹⁾		35,000	A	\$59.17	49,950	D	
Common Stock	03/11/2013		S ⁽¹⁾		31,034	D	\$172.081 ⁽²⁾⁽³⁾	18,916	D	
Common Stock	03/11/2013		S ⁽¹⁾		3,966	D	\$172.723 ⁽²⁾⁽⁴⁾	14,950	D	
Common Stock	03/11/2013		M ⁽¹⁾		5,700	A	\$59.17	20,650	D	
Common Stock	03/11/2013		S ⁽¹⁾		5,700	D	\$172.446 ⁽²⁾⁽⁵⁾	14,950	D	
Common Stock	03/11/2013		M ⁽¹⁾		5,975	A	\$53.43	20,925	D	
Common Stock	03/11/2013		S ⁽¹⁾		5,975	D	\$172.666 ⁽²⁾⁽⁶⁾	14,950	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) ⁽⁷⁾	\$59.17	03/11/2013		M ⁽¹⁾			35,000	(8)	06/18/2018	Common Stock	35,000	\$0	0	D	
Stock Option (Right to Buy) ⁽⁷⁾	\$59.17	03/11/2013		M ⁽¹⁾			5,700		06/19/2009 06/18/2018	Common Stock	5,700	\$0	0	D	
Stock Option (Right to Buy) ⁽⁷⁾	\$53.43	03/11/2013		M ⁽¹⁾			5,975		06/03/2010 06/02/2019	Common Stock	5,975	\$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.
- 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.
- This represents the weighted average price for shares sold at a range between \$171.68 (low) and \$172.68 (high).
- This represents the weighted average price for shares sold at a range between \$172.68 (low) and \$172.79 (high).
- This represents the weighted average price for shares sold at a range between \$171.80 (low) and \$172.75 (high).
- This represents the weighted average price for shares sold at a range between \$172.59 (low) and \$172.75 (high).
- Granted under one of the Issuer's stock option plans, in an exempt transaction under SEC Rule 16(b)-3(d).
- The stock options become exercisable in three (3) equal annual installments, commencing one year after the grant date of 06/19/2008.

Robert A. Licht, Attorney in Fact for Stelios Papadopoulos 03/12/2013

** 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.