

**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>MATSUI CONNIE</u>  (Last) (First) (Middle) 14 CAMBRIDGE CENTER  (Street) CAMBIRDGE MA 02142  (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 <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>EVP, Corp. Strategy and Comm.</u>
	3. Date of Earliest Transaction (Month/Day/Year) 01/16/2007	
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	01/16/2007		M <sup>(1)</sup>		16,825	A	\$7.7188	39,396.11	D	
Common Stock	01/16/2007		M <sup>(1)</sup>		7,998	A	\$6.9167	47,394.11	D	
Common Stock	01/16/2007		s <sup>(1)</sup>		24,823	D	\$50.8277 <sup>(2)</sup>	22,571.11	D	
Common Stock								40,766	I	By Trust

**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)	\$7.7188	01/16/2007		M			16,825	(3)	01/12/2009	Common Stock	16,825	(4)	0	D	
Stock Option (right-to-buy)	\$6.9167	01/16/2007		M			7,998	(5)	02/04/2008	Common Stock	7,998	(4)	0	D	

**Explanation of Responses:**

- 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 \$50.50 (low) and \$51.12 (high).
- Option became exercisable as to 25% of the optioned shares on 1/01/2000 and as to the balance of the shares in 36 equal monthly installments thereafter.
- Granted under one of the Issuer's stock option plans, in an exempt transaction under SEC rule 16(b)-3(d).
- Option became exercisable as to 25% of the optioned shares on 1/01/1999 and as to the balance of the shares in 36 equal monthly installments thereafter.

**Remarks:**

By: Kevin Foley, attorney-in-fact, For: Connie L. Matsui 01/18/2007

\*\* 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.