BIOGEN IDEC INC.

Form 4 July 27, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

Number:

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Check this box

obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person ** ROSS BRUCE			2. Issuer Name and Ticker or Trading Symbol BIOGEN IDEC INC. [BIIB]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check an applicable)			
14 CAMBRIDGE CENTER			(Month/Day/Year) 07/25/2007	X Director 10% Owner Officer (give title below) Other (specify below)			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
CAMBRIDGE, MA 02142			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State)	Tabl	e I - Non-D	erivative	Secur	ities Acq	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of	2. Transaction Date		3.	4. Securi			5. Amount of	6.	7. Nature of
Security (Instr. 3)	(Month/Day/Year)	Execution Date, if any	Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5)		Securities Beneficially	Ownership Form: Direct	Indirect Beneficial		
		(Month/Day/Year)	(Instr. 8)				Owned Following	(D) or Indirect (I)	Ownership (Instr. 4)
					(A)		Reported	(Instr. 4)	(111811.4)
					or		Transaction(s) (Instr. 3 and 4)		
Common			Code V	Amount	(D)	Price \$	(
Stock	07/25/2007		M(1)	5,000	A	34.34	11,850	D	
Common Stock	07/25/2007		S <u>(1)</u>	5,000	D	\$ 58	6,850	D	

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

Persons who respond to the collection of **SEC 1474** information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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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. Transactio Code (Instr. 8)	5. Number omf Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		f Derivative Expiration Date ecurities (Month/Day/Year) .cquired A) or bisposed of D) nstr. 3, 4,		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy)	\$ 34.34	07/25/2007		M <u>(1)</u>		5,000	01/02/2004	01/01/2013	Common Stock	5,000

Reporting Owners

Reporting Owner Name / Address	Relationships						
1 8	Director	10% Owner	Officer	Other			
ROSS BRUCE 14 CAMBRIDGE CENTER CAMBRIDGE, MA 02142	X						

Signatures

Robert A. Licht, Attorney in Fact for Bruce R. Ross 07/27/2007

**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.
- (2) Granted under one of the Issuer's stock option plans, in an exempt transaction under SEC rule 16(b)-3(d).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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