BIOGEN IDEC INC.

Check this box

if no longer

subject to

Section 16.

Form 4 or

Form 4

August 15, 2007

FORM 4

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

OMB

3235-0287 Number:

OMB APPROVAL

January 31, Expires: 2005

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 5 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 * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading SCHNEIER CRAIG ERIC Issuer Symbol BIOGEN IDEC INC. [BIIB] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner _X__ Officer (give title _Other (specify 14 CAMBRIDGE CENTER 08/14/2007 below) EVP, HR, Public Affairs & Comm (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting CAMBRIDGE, MA 02142 Person

(City)	(State)	(Zip) Tab	le I - Non-L	Derivative S	Securi	ties Acqu	ired, Disposed of	, or Beneficiall	ly 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 on(A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or Amount (D) Price			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)
Common Stock	08/14/2007		M(1)	57,500	A	\$ 45.93	75,945.85	D	
Common Stock	08/14/2007		S <u>(1)</u>	57,500	D	\$ 59.9	18,445.85	D	
Common Stock							460	I	By spouse

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

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number.

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)	TransactionDerivative Code Securities		6. Date Exercisable and Expiration Date (Month/Day/Year)		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)	\$ 45.93	08/14/2007		M <u>(1)</u>	57,500	(2)	10/08/2011	Common Stock	57,500	

Reporting Owners

Reporting Owner Name / Address	Relationships

Director 10% Owner Officer Other

SCHNEIER CRAIG ERIC 14 CAMBRIDGE CENTER CAMBRIDGE, MA 02142

EVP, HR, Public Affairs & Comm

Signatures

Robert A. Licht, Attorney in Fact for Craig E. Schneier

08/15/2007

**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) The stock option became exercisable in four (4) equal annual installments, commencing one year after the grant date of 10/08/01.
- (3) 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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