BIOGEN IDEC INC.

Form 4

February 19, 2008

FORM 4

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

OMB 3235-0287 Number:

Check this box if no longer subject to

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

January 31, Expires: 2005

0.5

OMB APPROVAL

Section 16. Form 4 or Form 5 obligations

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

Estimated average burden hours per response...

may continue. See Instruction

1(b).

Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person * ALEXANDER SUSAN H

(Street)

(State)

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol BIOGEN IDEC INC. [BIIB]

(Check all applicable)

(Last)

(City)

(First) (Middle)

(Zip)

3. Date of Earliest Transaction

Director 10% Owner

BIOGEN IDEC INC., 14

(Month/Day/Year) 02/15/2008

X_ Officer (give title Other (specify EVP, General Counsel

CAMBRIDGE CENTER

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

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

below)

CAMBRIDGE, MA 02142

		Table 1 - Non-Derivative Securities Acquired, Disposed of, of Deficitionary Owned									
1.Title of	2. Transaction Date	2. Transaction Date 2A. Deemed 3.			ities A	cquired	5. Amount of	6. Ownership	7. Nature of		
Security	(Month/Day/Year)	Execution Date, if	Transactio	tion(A) or Disposed of			Securities	Form: Direct	Indirect		
(Instr. 3)		any	Code	(D)			Beneficially	(D) or	Beneficial		
		(Month/Day/Year)	(Instr. 8)	(Instr. 3, 4 and 5)			Owned	Indirect (I)	Ownership		
							Following	(Instr. 4)	(Instr. 4)		
							Reported				
				(A)		Transaction(s)					
					or		(Instr. 3 and 4)				
			Code V	Amount	(D)	Price	,				
Common Stock	02/15/2008		M	2,667	A	\$0	33,152	D			
Common Stock	02/15/2008		F	847	D	\$ 62.2	32,305	D			

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

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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. Transactic Code (Instr. 8)	5. Number on f 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 Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Restricted Stock Unit	\$ 0	02/15/2008		M	2,667	02/15/2008	02/15/2008	Common Stock	2,667

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

ALEXANDER SUSAN H BIOGEN IDEC INC. 14 CAMBRIDGE CENTER CAMBRIDGE, MA 02142

EVP, General Counsel

Signatures

Scott Lively, Attorney in Fact for Susan H. Alexander

02/19/2008

**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).

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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