BUCKNUM THOMAS J

Form 4

February 22, 2005

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

January 31, Expires: 2005

OMB APPROVAL

Form 4 or Form 5 obligations **SECURITIES**

Estimated average burden hours per response... 0.5

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).

Stock

(Print or Type Responses)

1. Name and Address of Reporting Person * BUCKNUM THOMAS J			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			
			(Month/Day/Year)	Director 10% Owner		
14 CAMBRIDGE CENTER			02/17/2005	X Officer (give title Other (specify below)		
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
	(Bireet)		Filed(Month/Day/Year)	Applicable Line)		
CAMBIRIDO	GE, MA 0214	12	Thea(Monarbay, Tear)	_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired (A) 5. Amount of 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction Disposed of (D) Securities Ownership Indirect (Instr. 3) (Instr. 3, 4 and 5) Beneficially Code Form: Beneficial (Month/Day/Year) (Instr. 8) Owned Direct (D) Ownership Following or Indirect (Instr. 4) Reported (A) Transaction(s) (Instr. 4) (Instr. 3 and 4) Code V Amount (D) Price Common \$ 35.42 02/18/2005 M 9,200 A 9,200 D Stock Common 02/18/2005 S 9,200 D 0 D Stock 67.1241 Common \$ 47.15 D 02/18/2005 M 57,500 Α 57,500 Stock Common S 57,500 02/18/2005 0 D Stock Common 02/18/2005 M 23,000 \$ 45.46 28,750 D Α

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Common Stock	02/18/2005	S	23,000	D	\$ 67.1241	5,750	D
Common Stock						9,000	D

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

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 control 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. Transactic Code (Instr. 8)	5. Number of ctionDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and A Underlying Se (Instr. 3 and 4
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title
Stock Option (right-to-buy)	\$ 35.42	02/18/2005		M		9,200	(2)	12/11/2008	Common Stock
Stock Option (right-to-buy)	\$ 47.15	02/18/2005		M		57,500	(3)	06/10/2009	Common Stock
Stock Option (right-to-buy)	\$ 45.46	02/18/2005		M		23,000	<u>(4)</u>	12/15/2010	Common Stock
Stock Option (right-to-buy)	\$ 67.57	02/17/2005		A	55,000		<u>(5)</u>	02/17/2015	Common Stock

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
BUCKNUM THOMAS J			EVP and				
14 CAMBRIDGE CENTER			General				
CAMBIRIDGE, MA 02142			Counsel				

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Signatures

By: Benjamin S. Harshbarger; For: Thomas J.

Bucknum

02/22/2005

**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) Granted under one of the Issuer's stock option plans, in an exempt transaction under SEC rule 16(b)-3(d).
- (2) The stock option became exercisable in five (5) equal annual installments, commencing one year after the grant date of 12/11/98.
- (3) The stock option became exercisable in five (5) equal annual installments, commencing one year after the grant date of 06/10/99.
- (4) The stock option becomes exercisable in five (5) equal annual installments, commencing one year after the grant date of 12/15/00.
- (5) The stock option becomes exercisable in four (4) equal annual installments, commencing one year after the grant date of 02/17/05.

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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