

Gilman Michael
 Form 4
 January 03, 2005

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Gilman Michael

(Last) (First) (Middle)

14 CAMBRIDGE CENTER

(Street)

CAMBRIDGE, MA 02142

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 BIOGEN IDEC INC [BIIB]

3. Date of Earliest Transaction
 (Month/Day/Year)
 12/28/2004

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)

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6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

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)
				(A) or (D)	Price		
Common Stock	12/28/2004		M		\$ 7,000	D	
Common Stock	12/28/2004		S ⁽¹⁾		\$ 67.5	D	
Common Stock	12/28/2004		S ⁽¹⁾		\$ 67.53	D	
Common Stock	12/28/2004		M		\$ 45.46	D	
Common Stock	12/28/2004		S ⁽¹⁾		\$ 67.5	D	

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Common
Stock

13,176.3147 D

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

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(9-02)

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 Underlying Securities (Instr. 3 and 4)	Amount or Number of Shares
Stock Option (right-to-buy) ⁽²⁾	\$ 44.54	12/28/2004		M	7,000	⁽³⁾ 05/17/2009	Common Stock	7,000
Stock Option (right-to-buy) ⁽²⁾	\$ 45.46	12/28/2004		M	5,750	⁽⁴⁾ 12/15/2010	Common Stock	5,750

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Gilman Michael 14 CAMBRIDGE CENTER CAMBRIDGE, MA 02142			EVP - Research	

Signatures

By: Benjamin S. Harshbarger; For: Michael Gilman 12/31/2004

^{__}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) 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).

(3) The stock option became exercisable in five (5) equal annual installments, commencing one year after the grant date of 05/17/99.

(4) The stock option became exercisable in five (5) equal annual installments, commencing one year after the grant date of 12/15/00.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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