

Howley Michael G
 Form 4
 April 30, 2012

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
 Expires: January 31, 2005
 Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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 *
 Howley Michael G

(Last) (First) (Middle)
 C/O ABIOMED, INC., 22 CHERRY HILL DRIVE
 (Street)

DANVERS, MA 01923

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 ABIOMED INC [ABMD]

3. Date of Earliest Transaction (Month/Day/Year)
 04/27/2012

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)
 VP, Global Sales & Marketing

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 Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock, \$.01 par value	04/27/2012		M	2,016	A \$ 5.23	61,800	D
Common Stock, \$.01 par value	04/27/2016		S ⁽⁴⁾	2,016	D \$ 24.75	59,784	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.

SEC 1474 (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)			
						Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
						Code	V	(A)	(D)	
Stock Option (Right to Buy) ⁽¹⁾	\$ 5.23	04/27/2012		M	2,016	03/05/2009 ⁽²⁾	03/05/2019	Common Stock	2,016	
Stock Option (right to buy) ⁽¹⁾	\$ 5.86					05/28/2010 ⁽²⁾	05/28/2019	Common Stock	25,000	
Stock Option (right to buy) ⁽¹⁾	\$ 5.86					03/31/2010 ⁽³⁾	05/28/2019	Common Stock	15,000	
Stock Option (right to buy) ⁽¹⁾	\$ 10.03					06/03/2011 ⁽²⁾	06/03/2020	Common Stock	30,000	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Howley Michael G C/O ABIOMED, INC. 22 CHERRY HILL DRIVE DANVERS, MA 01923			VP, Global Sales & Marketing	

Signatures

/s/ Ian W. McLeod (by power of attorney) 04/27/2012

 **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) Grant to reporting person of option to buy the number of shares of common stock set forth on Table II, Column 7, under the Abiomed, Inc. 2008 Stock Incentive Plan.
- (2) These options become exercisable in annual 25% increments, commencing on the date shown forth in Table II, Column 6.
- (3) These options become exercisable upon the achievement of a certain performance milestone.
- (4) The sale of common stock reported in this Form 4 was effected pursuant to a 10b5-1 trading plan adopted by the Reporting Person.

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.