

Howley Michael G  
 Form 4  
 April 18, 2011

**FORM 4**

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

OMB APPROVAL

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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)  
 04/15/2011

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   | 04/15/2011                           |  | M                              | 5,000   | A \$ 5.23   | 57,500   | D                                 |
| Common Stock, \$.01 par value   | 04/15/2011                           |  | S <sup>(4)</sup>               | 5,000   | D \$ 17.23  | 52,500   | 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. 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) |                           |                 |              |                            |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|---------------------------|-----------------|--------------|----------------------------|
|  |  |                                      |  | Code                           | V   | (A)  | (D)   | Date Exercisable          | Expiration Date | Title        | Amount or Number of Shares |
| Stock Option (Right to Buy) <sup>(1)</sup> | \$ 5.23  | 04/15/2011                           |  | M                              |   | 5,000  |   | 03/05/2009 <sup>(2)</sup> | 03/05/2019      | Common Stock | 5,000                      |
| Stock Option (right to buy) <sup>(1)</sup> | \$ 5.86  |                                      |  |                                |   |  |   | 05/28/2010 <sup>(2)</sup> | 05/28/2019      | Common Stock | 25,000                     |
| Stock Option (right to buy) <sup>(1)</sup> | \$ 5.86  |                                      |  |                                |   |  |   | 03/31/2010 <sup>(3)</sup> | 05/28/2019      | Common Stock | 15,000                     |
| Stock Option (right to buy) <sup>(1)</sup> | \$ 10.03   |                                      |  |                                |   |  |   | 06/03/2011 <sup>(2)</sup> | 06/03/2020      | Common Stock | 30,000                     |

## Reporting Owners

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

## Signatures

|  |            |
|--|------------|
| /s/ Ian W. McLeod (by power of attorney)     | 04/18/2011 |
| <sup>(1)</sup> 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.

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