Weber David M Form 4 May 25, 2010

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

January 31, Expires: 2005

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

Estimated average burden hours per response... 0.5

Form 4 or Form 5 obligations 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).

(City)

(State)

(Zip)

(Print or Type Responses)

1. Name and Address of Reporting Person * Weber David M		2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) t Issuer		
		ABIOMED INC [ABMD]	(Check all applicable)		
(Last) (First) (N	Middle)	3. Date of Earliest Transaction			
		(Month/Day/Year)	Director 10% Owner		
C/O ABIOMED, INC., 22 CH HILL DRIVE	HERRY	05/24/2010	_X_ Officer (give title Other (specification) Chief Operating Officer		
(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
DANIJEDS MA 01022		Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person _Form filed by More than One Reporting		
DANVERS, MA 01923			Person		

(City)	(State) (Z	Zip) Table	e I - Non-D	erivative S	Securi	ties Ac	quired, Disposed	of, or Beneficia	lly Owned
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securi	ties		5. Amount of	6. Ownership	7. Nature of
Security	(Month/Day/Year) Execution Date, if		TransactionAcquired (A) or			or	Securities	Form: Direct	Indirect
(Instr. 3)		any		Disposed of (D)		Beneficially	(D) or	Beneficial	
		(Month/Day/Year)	(Instr. 8)	(Instr. 3,	4 and	5)	Owned	Indirect (I)	Ownership
							Following	(Instr. 4)	(Instr. 4)
					(4)		Reported		
					(A)		Transaction(s)		
			C 1 W		or	ъ.	(Instr. 3 and 4)		
			Code V	Amount	(D)	Price			
Common						\$			
Stock, \$.01	05/24/2010		$S^{(5)}$	1,389	D	9.1	93,211	D	
par value						(6)	·		

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)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)

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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. Transactio Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			7. Title and A Underlying S (Instr. 3 and	Securities
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy) (1)	\$ 13.88					04/23/2008(2)	04/23/2017	Common Stock	130,000
Stock Option (right to buy) (1)	\$ 13.8					05/23/2009(2)	05/23/2018	Common Stock	12,000
Stock Option (right to buy) (3)	\$ 5.86					05/28/2010(2)	05/28/2019	Common Stock	87,000
Stock Options (right to buy) (3)	\$ 5.86					03/31/2010(4)	05/28/2019	Common Stock	34,500

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
Weber David M						
C/O ABIOMED, INC.			Chief Operating Officer			
22 CHERRY HILL DRIVE			Chief Operating Officer			
DANVERS MA 01923						

Signatures

/s/ Ian W. McLeod (by power of attorney)	05/25/2010
**Signature of Reporting Person	Date

Reporting Owners 2

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 in Table II, Column 7, under the ABIOMED, Inc. 2000 Stock Incentive Plan.
- (2) This option becomes exercisable in annual 25% increments, commencing on the date shown in Table II, Column 6.
- (3) Grant to reporting person of option to buy the number of shares of Common Stock set forth in Table II, Column 7, under the ABIOMED, Inc. 2008 Stock Incentive Plan.
- (4) These options become exerciseable upon the achievement of a certain performance milestone, based on the results of Abiomed's fiscal year ended March 31, 2010.
- (5) Sale of common stock pursuant to reporting owner's 10b5-1 plan to pay tax liability upon vesting.
- This price represents the weighted average sale price of multiple transactions on the reported date at prices that ranged between \$9.10 and (6) \$9.12. Detailed information regarding the number of shares sold at each separate price will be provided upon request by the Commission staff, the issuer, or a security holder of the issuer.

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.