

WORLD HEART CORP
 Form 4
 March 24, 2010

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 *
ABIOMED INC

2. Issuer Name and Ticker or Trading Symbol
WORLD HEART CORP [WHRT]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
22 CHERRY HILL DR
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
03/22/2010

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

DANVERS, MA 01923

(City) (State) (Zip)

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

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)
			Code	V	Amount		
Common Shares	03/22/2010		S		22,727	D	
					\$ 2.07 <u>(1)</u>		2,484,369
Common Shares	03/23/2010		S		541,799	D	
					\$ 2.69 <u>(2)</u>		1,942,570

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

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SEC 1474 (9-02)

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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)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Beneficially (Instr. 5)
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Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
ABIOMED INC 22 CHERRY HILL DR DANVERS, MA 01923		X		

Signatures

/s/ Ian W. McLeod, Corporate Controller
 03/24/2010
 **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) The weighted average price of 2.07 is a result of the following sales of shares: 3200 at 2.10, 5100 at 2.08, 4800 at 2.07, 800 at 2.06, and 8827 at 2.05.
- This price represents the weighted average purchase price of multiple transactions on the reported date: (i) 13,500 shares at prices between \$2.90 and \$3.00, (ii) 42,003 shares at prices between \$2.80 and \$2.89, (iii) 374,352 shares at prices between \$2.70 and \$2.79, (iv) 12,214 shares at prices between \$2.60 and \$2.69, (v) 45,000 shares at prices between \$2.50 and \$2.59, and (vi) 54,730 shares at prices between \$2.40 and \$2.49. All purchase data is available upon the Commission's request. Detailed information regarding the number of shares purchased 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.