

WORLD HEART CORP
 Form 4
 February 26, 2010

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 *
 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)
 02/24/2010

____ Director
 ____ Officer (give title below)
 10% Owner
 ____ 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	(A) or (D)	Price
Common Shares	02/24/2010		S		22,972	D	\$ 3.45 <u>(1)</u>
Common Shares	02/25/2010		S		17,794	D	\$ 3.13 <u>(2)</u>

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)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Following Reporting Transaction (Instr. 6)
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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
Date: 02/26/2010

**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 3.45 is a result of the following sales of shares: 200 at 3.60, 100 at 3.56, 902 at 3.55, 395 at 3.53, 1600 at 3.52, 300 at 3.51, 691 at 3.47, 10577 at 3.45, and 8207 at 3.40.
- (2) The weighted average price of 3.13 is a result of the following sales of shares: 160 at 3.51, 100 at 3.44, 348 at 3.43, 100 at 3.42, 5 at 3.40, 500 at 3.39, 1150 at 3.38, 99 at 3.35, 99 at 3.33, 500 at 3.31, 457 at 3.30, 1000 at 3.20, 100 at 3.12, 2500 at 3.10, 100 at 3.09, 400 at 3.08, 376 at 3.07, and 9800 at 3.05.

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.