

IDEXX LABORATORIES INC /DE  
 Form 4  
 January 31, 2008

**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 \*  
**HENDERSON REBECCA M**

2. Issuer Name and Ticker or Trading Symbol  
**IDEXX LABORATORIES INC /DE [IDXX]**

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

(Last) (First) (Middle)  
**C/O MIT SLOAN SCHOOL ROOM E52-43, 50 MEMORIAL DRIVE**  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
**01/30/2008**

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

**CAMBRIDGE, MA 02142**

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

(City) (State) (Zip)

**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 Stock	01/30/2008		A	202 <sup>(1)</sup> A 55.62 <sub>(1)</sub>	7,240 <sup>(2)</sup>	D	

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

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SEC 1474 (9-02)

**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. 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 Transaction (Instr. 6)
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## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
HENDERSON REBECCA M C/O MIT SLOAN SCHOOL ROOM E52-43 50 MEMORIAL DRIVE CAMBRIDGE, MA 02142	X			

## Signatures

John B. Rogers, Attorney-in-Fact for Rebecca M. Henderson, PhD 01/31/2008

\_\_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).

Represents deferred stock units acquired pursuant to the IDEXX Laboratories, Inc. Director Deferred Compensation Plan (the "Plan") in accordance with Rule 16b-3. The number of deferred stock units acquired is determined by dividing the amount of Director's cash

(1) compensation deferred pursuant to the Plan (\$11,250) by the closing price of the IDEXX Laboratories, Inc. Common Stock on the date of the deferral. Deferred stock units are issuable only as common stock on a one-for-one basis one year following the Director's resignation from the Board of Directors.

(2) On November 5, 2007, the Common Stock of IDEXX Laboratories, Inc. split 2-for-1, resulting in the reporting person's ownership of 3,519 additional shares of common stock.

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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