

MERIDIAN BIOSCIENCE INC  
 Form 4  
 July 26, 2007

**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 \*  
**LUEKE MELISSA**

2. Issuer Name and Ticker or Trading Symbol  
**MERIDIAN BIOSCIENCE INC  
 [VIVO]**

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

(Last) (First) (Middle)  
**3471 RIVER HILLS DRIVE**  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
**07/24/2007**

\_\_\_\_ Director  
 Officer (give title below) \_\_\_\_\_ 10% Owner  
 \_\_\_\_\_ Other (specify below)  
**VP, CFO**

**CINCINNATI, OH 45244**

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 Indirect Beneficial Ownership (Instr. 4)			
			Code	V	Amount	(D)	Price			
Common Stock	07/24/2007		M		2,813	A	\$ 2.8	68,828	D	
Common Stock	07/24/2007		M		10,500	A	\$ 4.525	79,328	D	
Common Stock	07/24/2007		M		5,250	A	\$ 7.28	84,578	D	
Common Stock	07/24/2007		S		9,563	D	\$ 22.95	75,015	D	
Common Stock	07/24/2007		S		5,000	D	\$ 22.9561	70,015	D	

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Common Stock	07/24/2007	S	4,000	D	\$ 22.9753	66,015	D
Common Stock	07/25/2007	G	750	D	\$ 0	65,265	D

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

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(9-02)

**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 Options (Right to buy)	\$ 2.8	07/24/2007		M	2,813	12/31/2003	11/19/2012	Common Stock	2,813
Stock Options (Right to buy)	\$ 4.525	07/24/2007		M	10,500	(1)	12/02/2013	Common Stock	10,500
Stock Options (Right to buy)	\$ 7.28	07/24/2007		M	5,250	(2)	12/07/2014	Common Stock	5,250

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
LUEKE MELISSA 3471 RIVER HILLS DRIVE CINCINNATI, OH 45244			VP, CFO	

## Signatures

Melissa Lueke

07/26/2007

\*\*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).
- (2) These non-qualified stock options are granted under the Company's 2004 Equity Compensation Plan and vest in three annual installments of 5,250 shares that began on November 10, 2006.
- (1) These stock options were granted under the Company's 1996 Stock Option Plan and vest in three annual installments of 5,250 shares that began on November 17, 2005.

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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