

BIOMARIN PHARMACEUTICAL INC  
 Form 4  
 March 10, 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 \*  
 HERON ELAINE J

2. Issuer Name and Ticker or Trading Symbol  
 BIOMARIN PHARMACEUTICAL INC [BMRN]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)  
 03/06/2008

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

C/O BIOMARIN PHARMACEUTICAL INC., 105 DIGITAL DRIVE

(Street)

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

NOVATO, CA 94949

(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 Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock	03/06/2008		M		30,000 A \$ 10.38	30,000	D
Common Stock	03/06/2008		M		30,000 A \$ 5.12	60,000	D
Common Stock	03/06/2008		S		100 D \$ 37.47	59,900	D
Common Stock	03/06/2008		S		67 D \$ 37.49	59,833	D
	03/06/2008		S		200 D \$ 37.5	59,633	D

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Common Stock							
Common Stock	03/06/2008	S	100	D	\$ 37.51	59,533	D
Common Stock	03/06/2008	S	33	D	\$ 37.55	59,500	D
Common Stock	03/06/2008	S	218	D	\$ 37.59	59,282	D
Common Stock	03/06/2008	S	100	D	\$ 37.61	59,182	D
Common Stock	03/06/2008	S	500	D	\$ 37.62	58,682	D
Common Stock	03/06/2008	S	100	D	\$ 37.63	58,582	D
Common Stock	03/06/2008	S	300	D	\$ 37.64	58,282	D
Common Stock	03/06/2008	S	700	D	\$ 37.65	57,582	D
Common Stock	03/06/2008	S	600	D	\$ 37.66	56,982	D
Common Stock	03/06/2008	S	200	D	\$ 37.67	56,782	D
Common Stock	03/06/2008	S	793	D	\$ 37.68	55,989	D
Common Stock	03/06/2008	S	600	D	\$ 37.69	55,389	D
Common Stock	03/06/2008	S	900	D	\$ 37.7	54,489	D
Common Stock	03/06/2008	S	100	D	\$ 37.71	54,389	D
Common Stock	03/06/2008	S	100	D	\$ 37.72	54,289	D
Common Stock	03/06/2008	S	900	D	\$ 37.73	53,389	D
Common Stock	03/06/2008	S	700	D	\$ 37.74	52,689	D
Common Stock	03/06/2008	S	800	D	\$ 37.75	51,889	D
Common Stock	03/06/2008	S	100	D	\$ 37.76	51,789	D
	03/06/2008	S	100	D		51,689	D

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Common Stock					\$ 37.77		
Common Stock	03/06/2008	S	200	D	\$ 37.78	51,489	D
Common Stock	03/06/2008	S	200	D	\$ 37.8	51,289	D
Common Stock	03/06/2008	S	100	D	\$ 37.82	51,189	D
Common Stock	03/06/2008	S	100	D	\$ 37.83	51,089	D
Common Stock	03/06/2008	S	1,000	D	\$ 37.85	50,089	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)

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 Option (right to buy)	\$ 10.38	03/06/2008		M	30,000	10/11/2003 <sup>(1)</sup> 07/10/2013	Common Stock	30,000	
Stock Option (right to buy)	\$ 5.12	03/06/2008		M	30,000	12/12/2004 <sup>(2)</sup> 07/11/2014	Common Stock	30,000	

## Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

HERON ELAINE J  
C/O BIOMARIN PHARMACEUTICAL INC. X  
105 DIGITAL DRIVE  
NOVATO, CA 94949

## Signatures

/s/ G. Eric Davis, 03/10/2008  
Attorney-in-Fact

\_\_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) Original option grant vested 1/4 each on 10/11/2003, 1/11/2004, 4/11/2004 and 7/11/2004.
- (2) Original option grant vested 1/4 each on 12/12/2004, 3/12/2005, 6/12/2005 and 9/12/2005

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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