BIOMARIN PHARMACEUTICAL INC

Form 4

March 10, 2008

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SECURITIES

Check this box STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

if no longer subject to Section 16. Form 4 or Form 5

obligations may continue. See Instruction

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

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

Estimated average burden hours per response... 0.5

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person * HERON ELAINE J

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

BIOMARIN PHARMACEUTICAL INC [BMRN]

(Check all applicable)

(Last) (First) (Middle)

(State)

(Month/Day/Year) 03/06/2008

X_ Director 10% Owner Officer (give title Other (specify

C/O BIOMARIN PHARMACEUTICAL INC., 105

DIGITAL DRIVE

(Street)

(Zip)

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

3. Date of Earliest Transaction

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

NOVATO, CA 94949

(City)

1.Title of

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

3. 4. Securities Acquired Transaction(A) or Disposed of (D) (Instr. 3, 4 and 5)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 5. Amount of Securities Beneficially Owned

6. Ownership 7. Nature of Form: Direct Indirect (D) or Beneficial Indirect (I) Ownership (Instr. 4) (Instr. 4)

Security (Instr. 3) Code (Month/Day/Year) (Instr. 8) Following Reported (A) Transaction(s) or (Instr. 3 and 4) V (D) Price Code Amount Common \$ S D 33,338 D 03/06/2008 300 38.28 Stock Common 03/06/2008 S 400 D 32,938 D 38.29 Stock Common S 200 D 03/06/2008 D \$ 38.3 32,738 Stock Common S D 03/06/2008 138 32,600 D 38.31 Stock 03/06/2008 S 600 D 32,000 D

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Common Stock					\$ 38.32		
Common Stock	03/06/2008	S	300	D	\$ 38.33	31,700	D
Common Stock	03/06/2008	S	500	D	\$ 38.34	31,200	D
Common Stock	03/06/2008	S	100	D	\$ 38.38	31,100	D
Common Stock	03/06/2008	S	300	D	\$ 38.39	30,800	D
Common Stock	03/06/2008	S	700	D	\$ 38.41	30,100	D
Common Stock	03/06/2008	S	100	D	\$ 38.42	30,000	D

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474 (9-02)

> 9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date		4.		5.	6. Date Exerc			le and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transa	ictio	nNumber	Expiration D	ate	Amou	ınt of	Derivative
Security	or Exercise		any	Code		of	(Month/Day/	Year)	Unde	rlying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr.	8)	Derivative			Secur	ities	(Instr. 5)
	Derivative					Securities			(Instr	. 3 and 4)	
	Security					Acquired					
	,					(A) or					
						Disposed					
						of (D)					
						(Instr. 3,					
						4, and 5)					
						4, and 3)					
										Amount	
							D .	E		or	
							Date	Expiration	Title	Number	
							Exercisable	Date		of	
				Code	V	(A) (D)				Shares	
				Code	,	(11) (D)				Dilaios	

Reporting Owners

Reporting Owner Name / Address	Relationships						
coporang o macrimano, manteno	Director	10% Owner	Officer	Other			
HERON ELAINE J	X						
C/O BIOMARIN PHARMACEUTICAL INC.							
105 DIGITAL DRIVE							

Reporting Owners 2

NOVATO, CA 94949

Signatures

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

**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).

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.

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