

RABBANI SHAHRAM K  
Form 4  
December 11, 2007

**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

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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 \*  
RABBANI SHAHRAM K

(Last) (First) (Middle)

C/O ENZO BIOCHEM, 527  
MADISON AVENUE

(Street)

NEW YORK, NY 10022

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
ENZO BIOCHEM INC [ENZ]

3. Date of Earliest Transaction  
(Month/Day/Year)  
12/07/2007

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

Treasurer and Secretary

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 Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership Indirect Beneficial Ownership (Instr. 4)
				(A) or (D)	Code V Amount (D) Price		

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	2. Conversion or Exercise	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any	4. Transaction Code	5. Number of Derivative Securities	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Underlying Securities

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(Instr. 3)	Price of Derivative Security	(Month/Day/Year)	(Instr. 8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Instr. 3, 4, and 5)	Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Restricted Stock Units <sup>(1)</sup>	<u>(1)</u>	12/07/2007		A				9,000		<u>(1)</u>	<u>(1)</u>	Common Stock, par value \$0.01	9,000

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
RABBANI SHAHRAM K C/O ENZO BIOCHEM 527 MADISON AVENUE NEW YORK, NY 10022	X		Treasurer and Secretary	

## Signatures

/s/ Shahram K.  
Rabbani

12/11/2007

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).

On December 7, 2007, the Reporting Person was granted 9,000 Restricted Stock Units as compensation for service as an officer of the Issuer. Each Restricted Stock Unit consists of a right to the issuance of one share of common stock, par value \$0.01 ("Common Stock"). The Restricted Stock Units are subject to a three-year vesting period.

(2) This number includes 4,881 shares in the Issuer's 401K plan, of which the Reporting Person has direct beneficial ownership. In addition to the non-derivative securities reported here, the Reporting Person has direct beneficial ownership of stock options to purchase 523,342 shares of Common Stock which are exercisable within 60 days of the date of this report. The Reporting Person also has an indirect beneficial interest in: (i) 1,354 shares of Common Stock held in the name of the Reporting Person's son, (ii) 1,671 shares held in the name of the Reporting Person as custodian for certain of his nephews and (iii) 3,500 shares of restricted Common Stock that vest within 60 days from the date hereof. This number does not include 12,500 Restricted Stock Units that will not vest within the next 60 days.

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.