

RABBANI ELAZAR  
Form 4  
November 18, 2011

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2015  
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 \*  
RABBANI ELAZAR

(Last) (First) (Middle)

C/O ENZO BIOCHEM, INC., 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)  
11/16/2011

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)  
CEO 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 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                                                                                        | (A) or (D)                                               | Price                                      |                            |
| Common Stock, par value \$0.01 per share | 11/16/2011                           |                                                    | P                              |                                                                   | 600                                                                                           | A                                                        | \$ 2.275                                   | 2,100,889 <sup>(1)</sup> D |
| Common Stock, par value \$0.01 per share | 11/16/2011                           |                                                    | P                              |                                                                   | 6,600                                                                                         | A                                                        | \$ 2.28                                    | 2,107,489 <sup>(1)</sup> D |
| Common Stock, par                        | 11/16/2011                           |                                                    | P                              |                                                                   | 5,700                                                                                         | A                                                        | \$ 2.285                                   | 2,113,189 <sup>(1)</sup> D |

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value  
\$0.01 per  
share

Common  
Stock, par  
value  
\$0.01 per  
share

11/16/2011 P 3,600 A \$ 2.29 2,116,789 <sup>(1)</sup> D

Common  
Stock, par  
value  
\$0.01 per  
share

11/16/2011 P 2,800 A \$ 2.295 2,119,589 <sup>(1)</sup> D

Common  
Stock, par  
value  
\$0.01 per  
share

11/16/2011 P 100 A \$ 2.2968 2,119,689 <sup>(1)</sup> D

Common  
Stock, par  
value  
\$0.01 per  
share

11/16/2011 P 600 A \$ 2.3 2,120,289 <sup>(1)</sup> 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)

**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) | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Beneficially Owned (Instr. 6) |
|--------------------------------------------|--------------------------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------|--------------------------------------------|------------------------------------------------------------------|
|                                            |                                                        |                                      |                                                    |                                |                                                                                         | Date Exercisable                                         | Expiration Date                                               | Title                                      | Amount or Number of Shares                                       |
|                                            |                                                        |                                      |                                                    | Code                           | V (A) (D)                                                                               |                                                          |                                                               |                                            |                                                                  |

## Reporting Owners

| Reporting Owner Name / Address                                                        | Relationships |           |                   |       |
|---------------------------------------------------------------------------------------|---------------|-----------|-------------------|-------|
|                                                                                       | Director      | 10% Owner | Officer           | Other |
| RABBANI ELAZAR<br>C/O ENZO BIOCHEM, INC.<br>527 MADISON AVENUE<br>NEW YORK,, NY 10022 | X             |           | CEO and Secretary |       |

## Signatures

/s/ Elazar  
Rabbani 11/18/2011

\*\*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).

Includes (i) 239,000 shares of Common Stock issuable upon the exercise of options which are exercisable within 60 days from the date hereof, (ii) 5,547 shares of Common Stock held in the name of the Reporting Person as custodian for certain of his children, (iii) 22,115 (1) shares of Common Stock held in the name of the Reporting Person's wife as custodian for certain of their children, (iv) an aggregate of 5,100 shares of Common Stock held in the name of the Reporting Person's children and (v) 12,502 shares of Common Stock held in the Company's 401(k) plan.

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.