

ENZO BIOCHEM INC

Form 4

December 20, 2007

FORM 4

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

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

OMB APPROVAL

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(Print or Type Responses)

1. Name and Address of Reporting Person *
WEINER BARRY W

(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)
12/18/2007

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)

President and CFO

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 Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock, par value \$0.01 per share	12/18/2007		C		10,179 (1)	A	(1) 1,398,369 (2) D

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

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 information contained in this form are not
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 (9-02)

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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
Employee Stock Options	\$ 10.97	12/18/2007		C		63,814		12/18/1997	12/18/2007	Common Stock, par value \$0.01 per share	63,814

Reporting Owners

Reporting Owner Name / Address	Relationships
	Director 10% Owner Officer Other
WEINER BARRY W C/O ENZO BIOCHEM 527 MADISON AVENUE NEW YORK, NY 10022	X President and CFO

Signatures

/s/ Barry Weiner 12/20/2007
 **Signature of Date
 Reporting Person

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).

The Reporting Person exercised a stock option to purchase 63,814 shares of Common Stock and paid the exercise price thereof by the
 (1) surrender of 52,632 shares of Common Stock, for a net gain in outstanding shares of Common Stock of 10,179 shares. The stated exercise price of the stock option was \$10.97.

As of the date hereof, the Reporting Person directly beneficially owned 459,528 shares of Common Stock issuable upon the exercise of
 (2) options which are exercisable within 60 days from the date hereof, 3,642 shares of Common Stock that the Reporting Person holds as custodian for certain of his children, 5,000 shares of restricted Common Stock that vest within 60 days from the date hereof and 4,923 shares of Common Stock held in the Issuer'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.

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