ENZO BIOCHEM INC
Form 4
October 19, 2005

FORM 4

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

OMB APPROVAL

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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 *
WEINER BARRY W

(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)
10/17/2005

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

__X__ Director _____ 10% Owner
__X__ Officer (give title below) _____ Other (specify below)
President and CFO

6. Individual or Joint/Group Filing(Check Applicable Line)
_X_ 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 $.01 per share	10/17/2005		M		67,005 (1)	A	$ 11.0067	1,377,147 (2)	D	
Common Stock, par value $.01 per share	10/17/2005		F		54,670 (1)	D	$ 13.49	1,377,147 (2)	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)

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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)		8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

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

Signatures

/s/ Barry Weiner	10/19/2005
**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) This transaction was a cashless exercise of options to purchase 67,005 shares of Common Stock. The exercise price for the stock options was paid in the form of 54,670 shares of Common Stock owned by the Reporting Person valued at an aggregate of $737,500 based on the $13.49 closing price of Enzo Biochem's Common Stock on October 17, 2005, the exercise date.

(2) As of the date hereof, the Reporting Person directly beneficially owns 901,759 shares of Common Stock, 3,529 shares of Common Stock in Enzo Biochem's 401K plan and 468,217 options to purchase Common Stock, par value $.01 per share which are currently exercisable. The Reporting Person also has an indirect beneficial interest in 3,642 shares in the name of his children.

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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