

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, DC 20549

FORM 8-K

CURRENT REPORT PURSUANT  
TO SECTION 13 OR 15(D) OF THE  
SECURITIES EXCHANGE ACT OF 1934

Date of report (Date of earliest event reported): **January 17, 2014**

**Enzo Biochem, Inc.**

(Exact Name of Registrant as Specified in Its Charter)

**New York**

(State or Other Jurisdiction of Incorporation)

**001-09974**

(Commission File Number)

**13-2866202**

(IRS Employer Identification No.)

**527 Madison Avenue  
New York, New York**

(Address of Principal Executive Offices)

**10022**

(Zip Code)

**(212) 583-0100**

(Registrant's Telephone Number, Including Area Code)

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions *see* General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**Item 5.07. Submission of Matters to a Vote of Security Holders.**

Enzo Biochem, Inc. (the "Company") held its Annual Meeting of Shareholders (the "Annual Meeting") on January 17, 2014. The following matters, all of which were set forth in the Proxy Statement, were voted on at the Annual Meeting. The final results of such voting are as indicated below.

1. Election of the two nominees listed below to serve as a Class II Directors on the Board of Directors of the Company, to hold office for a term of three (3) years or until their successors have been duly elected and qualified:

<b>Nominee</b>	<b>Votes For</b>	<b>Withhold</b>	<b>Abstentions</b>	<b>Broker Non-Votes</b>
Barry W. Weiner	16,813,016	3,555,324	N/A	15,459,229
Bernard L. Kasten, MD	13,800,379	6,567,961	N/A	15,459,229

2. Approve, in a nonbinding advisory vote, the compensation of the Company's named executive officers:

Votes for	12,603,496
Votes against	7,711,556
Abstentions	53,288
Broker Non-Votes	15,459,229

3. Ratification of the Company's appointment of EisnerAmper LLP to serve as the Company's independent registered public accounting firm for the Company's fiscal year ending July 31, 2014:

Votes for	33,775,269
Votes against	565,298
Abstentions	1,487,002

There were no broker non-votes for this item.

On the basis of the above votes, (i) the nominees listed above were elected to serve as Class II Directors on the Board of Directors of the Company, to hold office for a term of three (3) years or until his successor has been duly elected and qualified; (ii) the proposal to approve, in a nonbinding advisory vote, the compensation of the Company's named executive officers was approved; and (iii) the proposal to ratify the Company's appointment of EisnerAmper LLP to serve as the Company's independent registered public accounting firm for the Company's fiscal year ending July 31, 2014 was approved.

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**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

ENZO BIOCHEM, INC.

Date: January 21, 2014

By: /s/ Barry W. Weiner  
Barry W. Weiner  
President

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