

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): April 17, 2017

**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 8.01 Other events**

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On April 17, 2017, Enzo Biochem, Inc. (the “Company”) issued a press release titled “Enzo Biochem’s Clinical Laboratory Named an In-Network Provider to the Fourth Largest National Insurer”.

**Item 9.01. Financial Statements and Exhibits.**

**(d) Exhibits.**

99.1 Press Release of Enzo Biochem, Inc., dated April 17, 2017.

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**SIGNATURES**

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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: April 17, 2017

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

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Enzo Biochem, Inc.  
527 Madison Avenue  
New York, NY 10022

**FOR IMMEDIATE RELEASE**

**ENZO BIOCHEM'S CLINICAL LABORATORY NAMED AN IN-NETWORK  
PROVIDER TO THE FOURTH LARGEST NATIONAL INSURER**

NEW YORK, NY, April 17, 2017 – Enzo Biochem, Inc. (NYSE:ENZ) announced today that its Enzo Clinical Laboratory subsidiary, a full-service clinical laboratory with a specialty in women's health, today reached an agreement with the nation's fourth largest health insurer to become an in-network provider serving all states with its advanced laboratory testing services. Enzo Clinical Labs began offering in-network services to their universe of 15 million of the insured participants on April 15, 2017.

"We are pleased to be contracted with an additional national in-network health provider group and have already begun performing services," said Barry Weiner, Enzo President. "Enzo Clinical Labs is focused on providing the highest standards of quality and care for medical professionals and their patients, especially in today's fast growing realm of molecular diagnostics where we employ the most advanced procedures and technology. We plan to expand our in-network provider network as our business grows nationwide.

"The integrated strength of our two subsidiaries, Enzo Life Sciences and Enzo Clinical Labs, has placed Enzo as a leading provider of cost efficient and medically relevant assays and reagents, and the platforms upon which they are utilized. These applications allow for state of the art molecular diagnostics for detecting a spectrum of diseases and providing vital clinical information that could impact their treatments.

Our strategy is driving Enzo to become a national reference laboratory and technology developer with a vast array of highly reliable products and services. Our advanced diagnostic capabilities will now be available to many of the insurer's plan members throughout the U.S."

A full list of Enzo in-network insurance partners can be found at [www.enzoclinicallabs.com](http://www.enzoclinicallabs.com).

**About Enzo**

Enzo Biochem is a pioneer in molecular diagnostics, leading the convergence of clinical laboratories, life sciences and intellectual property through the development of unique diagnostic platform technologies that provide numerous advantages over previous standards. A global company, Enzo Biochem utilizes cross-functional teams to develop and deploy products, systems and services that meet the ever-changing and rapidly growing needs of health care today and into the future.

Underpinning Enzo Biochem's products and technologies is a broad and deep intellectual property portfolio, with patent coverage across a number of key enabling technologies.

Except for historical information, the matters discussed in this news release may be considered "forward-looking" statements within the meaning of Section 27A of the Securities Act of 1933, as amended and Section 21E of the Securities Exchange Act of 1934, as amended. Such statements include declarations regarding the intent, belief or current expectations of the Company and its management, including those related to cash flow, gross margins, revenues, and expenses which are dependent on a number of factors outside of the control of the Company including, inter alia, the markets for the Company's products and services, costs of goods and services, other expenses, government regulations, litigation, and general business conditions. See Risk Factors in the Company's Form 10-K for the fiscal year ended July 31, 2016. Investors are cautioned that any such forward-looking statements are not guarantees of future performance and involve a number of risks and uncertainties that could materially affect actual results. The Company disclaims any obligations to update any forward-looking statement as a result of developments occurring after the date of this press release.

*Contact:*

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