
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 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): February 6, 2020

DICERNA PHARMACEUTICALS, INC.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation)

001-36281
(Commission
File Number)

20-5993609
(IRS Employer
Identification Number)

33 Hayden Avenue
Lexington, Massachusetts
(Address of registrant's principal executive office)

02421
(Zip code)

(617) 621-8097
(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:

- 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))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading symbol(s)	Name of each exchange on which registered
Common Stock, par value \$0.0001 per share	DRNA	The Nasdaq Global Select Market

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 or Rule 12b-2 of the Securities Exchange Act of 1934.

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 8.01 Other Events.

On February 6, 2020, Dicerna Pharmaceuticals, Inc. (the “Company”), issued and sold an aggregate of approximately \$40.0 million of shares of its common stock to a single institutional investor pursuant to its common stock Sales Agreement with Cowen and Company, LLC as the sales agent. In this transaction, the Company sold an aggregate of 2,077,500 shares of common stock at a price of \$19.25 per share.

The shares in the offering were sold pursuant to a shelf registration statement declared effective by the Securities and Exchange Commission (SEC) on May 31, 2018 and a prospectus supplement filed with the SEC on June 1, 2018.

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.

Date: February 6, 2020

DICERNA PHARMACEUTICALS, INC.

By: /s/ Douglas M. Fambrough, III

Douglas M. Fambrough, III, Ph.D.

Chief Executive Officer