UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM S-8 REGISTRATION STATEMENT

UNDER
THE SECURITIES ACT OF 1933

Sarepta Therapeutics, Inc.

(Exact name of registrant as specified in its charter)

Delaware(State or other jurisdiction of incorporation or organization)

93-0797222 (I.R.S. Employer Identification No.)

215 First Street, Suite 415 Cambridge, Massachusetts 02142 (Address of Principal Executive Offices) (Zip Code)

Sarepta Therapeutics, Inc. 2018 Equity Incentive Plan, as amended (Full title of the plan)

Douglas S. Ingram
President and Chief Executive Officer
Sarepta Therapeutics, Inc.
215 First Street, Suite 415
Cambridge, Massachusetts 02142
(Name and address of agent for service)

(617) 274-4000 (Telephone number, including area code, of agent for service)

Copies to:

Paul M. Kinsella Ropes & Gray LLP Prudential Tower 800 Boylston Street Boston, Massachusetts 02199 (617) 951-7000

emerging growth compar company" in Rule 12b-2	ny. See the definitions of "large accelerated filer," "accelerated filer," "smaller re of the Exchange Act.	porting company," and "emerging growth	
Large accelerated filer	\boxtimes	Accelerated filer	
Non-accelerated filer		Smaller reporting company	
		Emerging growth company	
	ompany, indicate by check mark if the registrant has elected not to use the extend accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities A		y

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company or an

EXPLANATORY NOTE

This Registration Statement on Form S-8 (this "Registration Statement") is filed to register (i) an additional 2,500,000 shares of common stock, par value \$0.0001 per share ("Common Stock"), of Sarepta Therapeutics, Inc. (the "Registrant") for issuance under the Registrant's 2018 Equity Incentive Plan, as amended, and (ii) an additional 300,000 shares of Common Stock for issuance under the Registrant's Amended and Restated 2013 Employee Stock Purchase Plan, as amended and restated on June 27, 2016. This Registration Statement is filed in accordance with General Instruction E to Form S-8 regarding registration of additional securities of the same class, and, pursuant to such instruction, the contents of the Registration Statement on Form S-8 (File No. 333-228719) filed with the Securities and Exchange Commission on December 7, 2018, the contents of the Registration Statement on Form S-8 (File No. 333-266461) filed with the Securities and Exchange Commission on August 2, 2022 are each incorporated herein by reference.

Item 8. Exhibits

		Incorporated by Reference to Filings Indicated			
Exhibit Number	Description	Form	Exhibit	Filing Date	Provided Herewith
4.1	Sarepta Therapeutics, Inc. 2018 Equity Incentive Plan	10-Q	10.1	8/8/18	
4.2	Amendment No. 1 to the Sarepta Therapeutics, Inc. 2018 Equity Incentive Plan	8-K	10.1	6/8/20	
4.3	Amendment No. 2 to the Sarepta Therapeutics, Inc. 2018 Equity Incentive Plan	8-K	10.1	6/3/2022	
4.4	Amendment No.3 to the Sarepta Therapeutics, Inc. 2018 Equity Incentive Plan	8-K	10.1	6/9/2023	
4.5	Amended and Restated 2013 Employee Stock Purchase Plan, as amended and restated on June 27, 2016	8-K	10.2	7/1/16	
4.6	Amendment No. 1 to the Sarepta Therapeutics, Inc. Amended and Restated 2013 Employee Stock Purchase Plan, as amended and restated on June 27, 2016	10-Q	10.4	8/7/19	
4.7	Amendment No. 2 to the Sarepta Therapeutics, Inc. Amended and Restated 2013 Employee Stock Purchase Plan, as amended and restated on June 27, 2016	8-K	10.1	6/9/2023	
5.1	Opinion of Ropes & Gray LLP				X
23.1	Consent of Ropes & Gray LLP (included in Exhibit 5.1)				X
23.2	Consent of KPMG LLP, independent registered public accounting firm				X
24.1	Power of Attorney (included in the signature page to this Registration Statement)				X
107	Filing Fees				X

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Cambridge, Commonwealth of Massachusetts, on August 2, 2023.

Sarepta Therapeutics, Inc.

By: /s/ Douglas S. Ingram
Douglas S. Ingram

President and Chief Executive Officer

SIGNATURES AND POWERS OF ATTORNEY

Each person whose signature appears below hereby constitutes and appoints Douglas S. Ingram, Ian M. Estepan and Ryan E. Brown, and each of them singly, his or her true and lawful attorney-in-fact and agent with full power of substitution and resubstitution, for him or her and in his or her name, place and stead, in any and all capacities, to sign any and all amendments (including post-effective amendments) to this Registration Statement on Form S-8 of Sarepta Therapeutics, Inc., and to file the same, with all exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents full power and authority to be done in and about the premises, as fully to all intents and purposes as he or she might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents, or their substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this Registration Statement has been signed below by the following persons in the capacities indicated below on the dates indicated:

Signature	Title	Date
/s/ Douglas S. Ingram Douglas S. Ingram	President and Chief Executive Officer, Director (Principal Executive Officer)	August 2, 2023
/s/ Ian M. Estepan Ian M. Estepan	Executive Vice President, Chief Financial Officer (Principal Financial and Accounting Officer)	August 2, 2023
/s/ M. Kathleen Behrens, Ph.D. M. Kathleen Behrens, Ph.D.	Chairwoman of the Board	August 2, 2023
/s/ Richard J. Barry Richard J. Barry	Director	August 2, 2023
/s/ Kathryn Boor, Ph.D. Kathryn Boor, Ph.D.	Director	August 2, 2023
/s/ Michael Chambers Michael Chambers	Director	August 2, 2023
/s/ Stephen L. Mayo, Ph.D. Stephen L. Mayo, Ph.D.	Director	August 2, 2023

/s/ Claude Nicaise, M.D. Claude Nicaise, M.D.	Director	August 2, 2023
/s/ Hans Wigzell, M.D., Ph.D. Hans Wigzell, M.D., Ph.D.	Director	August 2, 2023



August 2, 2022

Sarepta Therapeutics, Inc. 215 First Street, Suite 415 Cambridge, Massachusetts 02142

Ladies and Gentlemen:

This opinion letter is furnished to you in connection with the registration statement on Form S-8 (the "Registration Statement"), filed by Sarepta Therapeutics, Inc., a Delaware corporation (the "Company"), on the date hereof, with the Securities and Exchange Commission under the Securities Act of 1933, as amended (the "Securities Act"), for the registration of 2,800,000 shares of common stock, \$0.0001 par value, of the Company (the "Shares"), consisting of (i) 2,500,000 Shares issuable under the Company's 2018 Equity Incentive Plan, as amended (the "2018 Plan") and (ii) 300,000 Shares issuable under the Company's Amended and Restated 2013 Employee Stock Purchase Plan (as amended and restated on June 27, 2016 and amended on June 6, 2019) (the "2016 ESPP" and together with the 2018 Plan, the "Plans").

We are familiar with the actions taken by the Company in connection with the adoption of the Plans. We have examined such certificates, documents and records and have made such investigation of fact and such examination of law as we have deemed appropriate in order to enable us to render the opinions set forth herein. In conducting such investigation, we have relied, without independent verification, upon certificates of officers of the Company, public officials and other appropriate persons.

The opinions expressed below are limited to the Delaware General Corporation Law.

Based upon and subject to the foregoing, we are of the opinion that the Shares have been duly authorized, and, when the Shares have been issued and sold in accordance with the terms of the applicable Plan, the Shares will be validly issued, fully paid and nonassessable.

We hereby consent to the filing of this opinion letter as an exhibit to the Registration Statement. In giving such consent, we do not thereby admit that we are in the category of persons whose consent is required under Section 7 of the Securities Act or the rules and regulations thereunder.

Very truly yours,

/s/ Ropes & Gray LLP

Ropes & Gray LLP

Consent of Independent Registered Public Accounting Firm

We consent to the use of our report dated February 28, 2023, with respect to the consolidated financial statements of Sarepta Therapeutics, Inc., and the effectiveness of internal control over financial reporting, incorporated herein by reference.

/s/ KPMG LLP

Boston, Massachusetts August 2, 2023

Calculation of filing Fee Tables

Form S-8 (Form Type)

Sarepta Therapeutics, Inc.

(Exact Name of Registrant as Specified in its Charter)

Table 1—Newly Registered Securities

Security	Security Class	Fee Calculation	Amount	Proposed Maximum Offering Price	Proposed Maximum Aggregate Offering	Fee	Amount of Registration
Type	Title	Rule	Registered (1)	Per Unit	Price	Rate	Fee
Equity	Sarepta						
	Therapeutics, Inc.						
	2018 Equity						
	Incentive Plan, as						
	Amended—	Other—					
	Common Stock, par	Rule 457(c)					
	value \$0.0001 per	and Rule					
	share	457(h)	2,500,000 (2)	\$104.09(3)	\$260,225,000.00	0.00011020	\$28,676.80
Equity	Sarepta						
	Therapeutics, Inc.						
	Amended and						
	Restated 2013						
	Employee Stock						
	Purchase Plan—	Other—					
	Common Stock, par	Rule 457(c)					
	value \$0.0001 per	and Rule					
	share	457(h)	300,000 (4)	\$104.09(3)	\$31,227,000.00	0.00011020	\$3,441.22
Total Offering Amounts			\$291,452,000.00		\$32,118.02		
Total Fee Offsets					_		
Net Fees Due		·			\$32,118.02		

- (1) Pursuant to Rule 416(a) under the Securities Act of 1933, as amended, this Registration Statement on Form S-8 (the "Registration Statement") shall also cover shares of the Registrant's common stock that become issuable under the Plans to prevent dilution as a result of any stock dividend, stock split, recapitalization or similar transaction.
- (2) Represents 2,500,000 shares of common stock reserved for future issuance under the Sarepta Therapeutics, Inc. 2018 Equity Incentive Plan, as amended, as of the date of the initial filing of this Registration Statement.
- (3) Estimated solely for the purpose of determining the registration fee pursuant to Rule 457(c) and 457(h) under the Securities Act, the "proposed maximum offering price per share" is calculated based on the average of the high and low prices for the Registrant's common stock as reported on the Nasdaq Global Select Market on July 26, 2023.
- (4) Represents 300,000 shares of common stock reserved for future issuance under the Sarepta Therapeutics, Inc. Amended and Restated 2013 Employee Stock Purchase Plan (as amended and restated on June 27, 2016 and amended on June 6, 2019) as of the date of the initial filing of this Registration Statement.