Form 144 Filer Information SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Form 144

FORM 144

NOTICE OF PROPOSED SALE OF SECURITIES

PURSUANT TO RULE 144 UNDER THE SECURITIES ACT OF 1933

144: Filer Information

Filer CIK 0001847337
Filer CCC XXXXXXXX
Is this a LIVE or TEST Filing? • LIVE • TEST

Submission Contact Information

Name

Phone

E-Mail Address

Address of Issuer

144: Issuer Information

Name of Issuer Prime Medicine, Inc.

SEC File Number 001-41536

21 ERIE ST. CAMBRIDGE FLORIDA 02139

Phone 617-465-0013

Name of Person for Whose Account the Securities are To Be Sold

Alphabet Holdings LLC

See the definition of "person" in paragraph (a) of Rule 144. Information is to be given not only as to the person for whose account the securities are to be sold but also as to all other persons included in that definition. In addition, information shall be given as to sales by all persons whose sales are required by paragraph (e) of Rule 144 to be aggregated with sales for the account of the person filing this notice.

Relationship to Issuer 10% Stockholder

144: Securities Information

Title of the Class of Securities To Be Sold	Name and Address of the Broker	Number of Shares or Other Units To Be Sold	Aggregate Market Value			SOCIIVITIOS
Common	Raymond James & Associates, Inc. 88 St. Petersburg FL 33716	88081	1418984.91	97227809	06/05/2023	Nasdaq

Furnish the following information with respect to the acquisition of the securities to be sold and with respect to the payment of all or any part of the purchase price or other consideration therefor:

144: Securities To Be Sold

Title of the	Date you	Nature of	Name of	Is	Date	Amount of	Date of	Nature of
Class	Acquired	Acquisition	Person from	this	Donor	Securities	Payment	Payment *

	Transaction	Whom		ired Acquired	
		Acquired	Gift?		
Common	04/01/2021 Stock Purchase	Issuer		6526586	04/01/2021 Cash

^{*} If the securities were purchased and full payment therefor was not made in cash at the time of purchase, explain in the table or in a note thereto the nature of the consideration given. If the consideration consisted of any note or other obligation, or if payment was made in installments describe the arrangement and state when the note or other obligation was discharged in full or the last installment paid.

Furnish the following information as to all securities of the issuer sold during the past 3 months by the person for whose account the securities are to be sold.

144: Securities Sold During The Past 3 Months

Name and Address of Seller	Title of Securities Sold	Date of Sale	Amount of Securities Sold	Gross Proceeds
Alphabet Holdings LLC 1600 Amphitheatre Pkwy Mountain View CA 94043	Common	05/18/2023 1	14022	183170.79
Alphabet Holdings LLC 1600 Amphitheatre Pkwy Mountain View CA 94043	Common	05/19/2023 6	53212	877066.50
Alphabet Holdings LLC 1600 Amphitheatre Pkwy Mountain View CA 94043	Common	05/22/2023 8	37922	1242091.68
Alphabet Holdings LLC 1600 Amphitheatre Pkwy Mountain View CA 94043	Common	05/23/2023 4	13939	647647.68
Alphabet Holdings LLC 1600 Amphitheatre Pkwy Mountain View CA 94043	Common	05/24/2023 7	7900	107920.32
Alphabet Holdings LLC 1600 Amphitheatre Pkwy Mountain View CA 94043	Common	05/25/2023 2	23161	309972.93
Alphabet Holdings LLC 1600 Amphitheatre Pkwy Mountain View CA 94043	Common	05/26/2023 1	12602	172603.29
Alphabet Holdings LLC 1600 Amphitheatre Pkwy Mountain View CA 94043	Common	05/30/2023 1	16805	230240.26
Alphabet Holdings LLC 1600 Amphitheatre Pkwy Mountain View CA 94043	Common	05/31/2023 1	16633	227003.86
Alphabet Holdings LLC 1600 Amphitheatre Pkwy Mountain View CA 94043	Common	06/01/2023 4	1 5223	649189.73

144: Remarks and Signature

Remarks

Date of Notice 06/05/2023

ATTENTION:

The person for whose account the securities to which this notice relates are to be sold hereby represents by signing this notice that he does not know any material adverse information in regard to the current and prospective operations of the Issuer of the securities to be sold which has not been publicly disclosed. If such person has adopted a written trading plan or given trading instructions to satisfy Rule 10b5-1 under the Exchange Act, by signing the form and indicating the date that the plan was adopted or the instruction given, that person makes such representation as of the plan adoption or instruction date.

Signature Tracey Cornelison, as duly authorized representative of Raymond James & Associates, Inc., as attorney-infact for Alphabet Holdings LLC

ATTENTION: Intentional misstatements or omission of facts constitute Federal Criminal Violations (See 18 U.S.C. 1001)