SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

Prime Medicine, Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

(CUSIP Number)

09/30/2026

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- ☑ Rule 13d-1(b)
- ☐ Rule 13d-1(c)
- ☐ Rule 13d-1(d)

SCHEDULE 13G

CUSIP No.

1	Names of Reporting Persons ARK Investment Management LLC	
2	Check the appropriate box if a member of a Group (see instructions) ☐ (a) ☐ (b)	
3	Sec Use Only	
4	Citizenship or Place of Organization DELAWARE	
Number of Shares Beneficially	5	Sole Voting Power 10,043,508.00

Owned by Each Reporting Person With:	6	Shared Voting Power 0.00
	7	Sole Dispositive Power 10,043,508.00
	8	Shared Dispositive Power 0.00
9		Aggregate Amount Beneficially Owned by Each Reporting Person 10,043,508.00
10		Check box if the aggregate amount in row (9) excludes certain shares (See Instructions) ☐
11		Percent of class represented by amount in row (9) 5.54 %
12		Type of Reporting Person (See Instructions) IA

SCHEDULE 13G

CUSIP No.

1		Names of Reporting Persons Catherine D. Wood
2		Check the appropriate box if a member of a Group (see instructions) ☐ (a) ☐ (b)
3		Sec Use Only
4		Citizenship or Place of Organization UNITED STATES
Number of Shares Beneficially Owned by Each Reporting Person With:	5	Sole Voting Power 0.00
	6	Shared Voting Power 10,043,508.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 10,043,508.00
9		Aggregate Amount Beneficially Owned by Each Reporting Person 10,043,508.00
10		Check box if the aggregate amount in row (9) excludes certain shares (See Instructions) ☐
11		Percent of class represented by amount in row (9) 5.54 %

12 Type of Reporting Person (See Instructions)

HC, IN

SCHEDULE 13G

Item 1.

(a) Name of issuer:

Prime Medicine, Inc.

(b) Address of issuer's principal executive offices:

60 First St., Cambridge, MA 02141

Item 2.

(a) Name of person filing:

(i) ARK Investment Management LLC ("ARK") (ii) Catherine D. Wood

(b) Address or principal business office or, if none, residence:

ARK and Catherine D. Wood: 200 Central Avenue, St. Petersburg, FL 33701

(c) Citizenship:

(i) ARK: Delaware (ii) Catherine D. Wood: United States

(d) Title of class of securities:

Common Stock

(e) CUSIP No.:

Item 3. If this statement is filed pursuant to §§ 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

(a) ☐ Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);

(b) ☐ Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);

(c) ☐ Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);

(d) ☐ Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);

(e) ☑ An investment adviser in accordance with § 240.13d-1(b)(1)(ii)(E);

(f) ☐ An employee benefit plan or endowment fund in accordance with § 240.13d-1(b)(1)(ii)(F);

(g) ☑ A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);

(h) ☐ A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);

(i) ☐ A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);

(j) ☐ A non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J). If filing as a non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J),
please specify the type of institution:

(k) ☐ Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K).

Item 4. Ownership

(a) Amount beneficially owned:

ARK and Catherine D. Wood: 10,043,508

(b) Percent of class:

ARK and Catherine D. Wood: 5.54 %

(c) Number of shares as to which the person has:

(i) Sole power to vote or to direct the vote:

(i) ARK: 10,043,508 (ii) Catherine D. Wood: 0

(ii) Shared power to vote or to direct the vote:

(i) ARK: 0 (ii) Catherine D. Wood: 10,043,508

(iii) Sole power to dispose or to direct the disposition of:

(i) ARK: 10,043,508 (ii) Catherine D. Wood: 0

(iv) Shared power to dispose or to direct the disposition of:

(i) ARK: 0 (ii) Catherine D. Wood: 10,043,508

Item 5. Ownership of 5 Percent or Less of a Class.

Item 6. Ownership of more than 5 Percent on Behalf of Another Person.

Not Applicable

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.

Not Applicable

Item 8. Identification and Classification of Members of the Group.

Not Applicable

Item 9. Notice of Dissolution of Group.

Not Applicable

Item 10. Certifications:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect, other than activities solely in connection with a nomination under § 240.14a-11.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

ARK Investment Management LLC

Signature: /s/ Kathleen Fontano
Name/Title: Kathleen Fontano, Chief Compliance Officer
Date: 11/13/2026

Catherine D. Wood

Signature: /s/ Catherine D. Wood
Name/Title: Catherine D. Wood, Chief Executive Officer, Chief Investment Officer
Date: 11/13/2026

EXHIBIT 1

WHEREAS, in accordance with Rule 13d-1(k)(1) under the Securities and Exchange Act of 1934 (the "Act"), only one joint Statement and any amendments thereto need to be filed whenever one or more persons are required to file such a Statement or any amendments thereto pursuant to Section 13(d) of the Act with respect to the same securities, provided that said persons agree in writing that such Statement or amendments thereto is filed on behalf of each of them;

NOW, THEREFORE, the parties hereto agree as follows:

ARK Investment Management LLC and Catherine D. Wood do hereby agree, in accordance with Rule 13d-1(k)(1) under the Act, to file a Statement on Schedule 13G relating to their ownership of the Common Stock of the Issuer, and do hereby further agree that said Statement on Schedule 13G shall be filed on behalf of each of them.

ARK Investment Management LLC

Date: November 13, 2026

By: /s/ Kathleen Fontano
Name: Kathleen Fontano
Title: Chief Compliance Officer

Catherine D. Wood

Date: November 13, 2026

By: /s/ Catherine D. Wood
Name: Catherine D. Wood
Title: Chief Executive Officer, Chief Investment Officer