SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13D

Under the Securities Exchange Act of 1934

Niki BioSolutions, Inc.

(Name of Issuer)

Common Stock, par value $0.0001

(Title of Class of Securities)

(CUSIP Number)

Kira S. Sheinerman
Niki BioSolutions, Inc., 116 Village Boulevard, Suite 200
Princeton, NJ, 08540
609-951-2222

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

07/20/2026

(Date of Event Which Requires Filing of This Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§ 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box. ☐

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

SCHEDULE 13D

CUSIP No.

1	Name of reporting person Kira S. Sheinerman
2	Check the appropriate box if a member of a Group (See Instructions) ☐ (a) ☐ (b)
3	SEC use only

4	Source of funds (See Instructions) OO		
5	Check if disclosure of legal proceedings is required pursuant to Items 2(d) or 2(e) ☐		
6	Citizenship or place of organization UNITED STATES		
Number of Shares Beneficially Owned by Each Reporting Person With:	7	Sole Voting Power 1,515,016.00	
	8	Shared Voting Power 277.00	
	9	Sole Dispositive Power 1,515,016.00	
	10	Shared Dispositive Power 277.00	
11	Aggregate amount beneficially owned by each reporting person 1,515,293.00		
12	Check if the aggregate amount in Row (11) excludes certain shares (See Instructions) ☐		
13	Percent of class represented by amount in Row (11) 51.56 %		
14	Type of Reporting Person (See Instructions) IN		

Comment for Type of Reporting Person: No funds or other consideration were used by the Reporting Person to acquire the shares of Common Stock reported herein. Such shares were issued to the Reporting Person solely as non-cash merger consideration in exchange for shares of common stock of DiamiR Biosciences Corp. previously held by the Reporting Person, pursuant to the Agreement and Plan of Merger, dated July 14, 2025, by and among Aptorum Group Limited, DiamiR Biosciences Corp. and the other parties thereto.

SCHEDULE 13D

Item 1. Security and Issuer

(a) Title of Class of Securities:

Common Stock, par value $0.0001

(b) Name of Issuer:

Niki BioSolutions, Inc.

(c) Address of Issuer's Principal Executive Offices:

116 Village Boulevard, Suite 200, Princeton, NEW JERSEY , 08540.

Item 1 Comment: The Common Stock is listed on the Nasdaq Capital Market under the symbol NIKI.

Item 2. Identity and Background

(a) Kira S. Sheinerman

(b) The principal business address of each Reporting Person is 116 Village Boulevard, Suite 200, Princeton, NJ 08540.

(c) The Reporting Person is a Director of the Issuer.

(d) No. During the last five years, the Reporting Person has not been convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors).

(e) No. During the last five years, the Reporting Person has not been a party to a civil proceeding of a judicial or administrative body of competent jurisdiction that resulted in such Reporting Person being subject to a judgment, decree or final order of the type described in Item 2(e).

(f) The Reporting Person is a Citizen of the United States.

Item 3. Source and Amount of Funds or Other Consideration

No funds or other consideration were used by the Reporting Person to acquire the shares of Common Stock reported herein. Such shares were issued to the Reporting Person solely as non-cash merger consideration in exchange for shares of common stock of DiamiR Biosciences Corp. previously held by the Reporting Person, pursuant to the Agreement and Plan of Merger, dated July 14, 2025, by and among Aptorum Group Limited, DiamiR Biosciences Corp. and the other parties thereto.

Item 4. Purpose of Transaction

The information set forth in Items 3 and 6 is incorporated herein by reference. The shares of Niki Common Stock reported herein were acquired by the Reporting Person solely as merger consideration pursuant to the merger agreement, as described in Item 3 above. No funds or other consideration were expended by the Reporting Person in connection with the receipt of such shares. On July 20, 2026, the merger was consummated pursuant to the merger agreement. In connection with the merger, Aptorum effected the domestication and became a Delaware corporation, changing its name to Niki BioSolutions, Inc. The Niki Common Stock is listed on the Nasdaq Capital Market under the ticker symbol "NIKI" (CUSIP: 653942102). The Reporting Person is a party to that certain Stockholders Agreement, the final form of which is filed as Exhibit 4.5 hereto, which governs certain rights and obligations of the Reporting Person with respect to the Niki Common Stock. Reference is made to the Stockholders Agreement for a complete description of its terms, which are incorporated herein by reference.

Item 5. Interest in Securities of the Issuer

(a) As of the date hereof, the Reporting Person beneficially owns 1,515,293 shares of Niki Common Stock, representing approximately 51.56% of the outstanding shares of Niki Common Stock, in each case based on 2,938,625 shares of Niki Common Stock issued and outstanding as of the closing date of the merger. Of such shares, 1,515,016 shares are held directly by the Reporting Person and 277 shares are held in a joint brokerage account at Morgan Stanley in the names of Kira Sheinerman and Felix Sheinerman. The Reporting Person may be deemed to share voting and dispositive power over the 277 shares held in such joint account with Felix Sheinerman.

(b) For each Reporting Person: sole voting power, 1,515,016; shared voting power, 277; sole dispositive power, 1,515,016; and shared dispositive power, 277.

(c) Except for the transactions described in Items 3, 4 and 6 of this Schedule 13D, the Reporting Person has not effected any transaction in the Common Stock during the past 60 days.

(d) Except with respect to 277 shares of Niki Common Stock held in a joint brokerage account at Morgan Stanley in the names of Kira Sheinerman and Felix Sheinerman, no person other than the Reporting Person is known to have the right to receive, or the power to direct the receipt of, dividends from, or proceeds from the sale of, the securities reported herein. Felix Sheinerman, as joint account holder, may be deemed to share such rights with respect to such 277 shares.

(e) Not applicable.

Item 6. Contracts, Arrangements, Understandings or Relationships With Respect to Securities of the Issuer

The information set forth in Items 3, 4 and 5 is incorporated herein by reference. The following contracts, arrangements, understandings, or relationships exist among the persons named in Item 2 and between such persons and any other person with respect to any securities of the Company: In connection with the merger, the Reporting Person entered into a Stockholders Agreement with the Issuer. Under the Stockholders Agreement, the Reporting Person may designate two nominees for election to the Issuers board of directors while the Reporting Person collectively owns at least 36% of the Issuer's outstanding Common Stock, and one nominee while such ownership is at least 25%. Each such designation right permanently terminates if the applicable ownership threshold is no longer satisfied. The Reporting Person agreed to vote for such designees and, until the Issuer's 2027 annual meeting, in accordance with the recommendations of the Board's nominating and governance committee with respect to other director nominees. While the Reporting Person beneficially owns at least 25% of the Issuer's outstanding Common Stock, certain significant corporate actions require the prior written consent of the Reporting Person. The Stockholders Agreement also generally restricts transfers of shares subject thereto for six months following its effective date. The foregoing description is qualified in its entirety by reference to the Stockholders Agreement, filed as Exhibit 4.5 hereto and incorporated herein by reference. Except as described above, the Reporting Person is not a party to any contract, arrangement, understanding, or relationship with respect to any securities of the Company, including but not limited to any relating to the transfer or voting of such securities, finder's fees, joint ventures, loan or option arrangements, put or call options, security-based swaps or other derivative securities, guarantees of profits, division of profits or loss, or the giving or withholding of any proxy.

Item 7. Material to be Filed as Exhibits.

Exhibit 4.5. Stockholders Agreement by and among Aptorum and stockholders of DiamiR (incorporated by reference to Exhibit 4.5 to the Issuer's Registration Statement on Form S-4 (File No. 333-290742)).

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.

Kira S. Sheinerman

Signature: /s/ Kira S. Sheinerman
Name/Title: Kira S. Sheinerman, Director
Date: 07/24/2026