
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

VivoSim Labs, Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

(CUSIP Number)

04/01/2026

(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.

Names of Reporting Persons

1

Esousa Group Holdings LLC

Check the appropriate box if a member of a Group (see instructions)

2

(a)

(b)

3

Sec Use Only

Citizenship or Place of Organization

4

NEW YORK

Number of Shares Sole Voting Power

Beneficially 5 286,557.00

Owned by Each Reporting Person With: 6 Shared Voting Power
0.00
Sole Dispositive Power
7
286,557.00
Shared Dispositive Power
8
0.00
Aggregate Amount Beneficially Owned by Each Reporting Person
9
286,557.00
Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)
10

Percent of class represented by amount in row (9)
11
9.9 %
Type of Reporting Person (See Instructions)
12
OO

SCHEDULE 13G

CUSIP No.

Names of Reporting Persons
1
Michael Wachs
Check the appropriate box if a member of a Group (see instructions)
2
 (a)
 (b)
3
Sec Use Only
Citizenship or Place of Organization
4
UNITED STATES
Sole Voting Power
5
286,557.00
Shared Voting Power
6
0.00
Sole Dispositive Power
7
286,557.00
Shared Dispositive Power
8
0.00
Aggregate Amount Beneficially Owned by Each Reporting Person
9
286,557.00
Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)
10

Percent of class represented by amount in row (9)
11
9.9 %

IN

SCHEDULE 13G

Item 1.

Name of issuer:

- (a) VivoSim Labs, Inc.
Address of issuer's principal executive offices:
- (b) 11555 Sorrento Valley Rd, Suite 100, San Diego, CA 92121

Item 2.

Name of person filing:

- (a) Esousa Group Holdings LLC and Michael Wachs.
Address or principal business office or, if none, residence:
- (b) 211 East 43rd Street, Suite 402 New York, NY 1001
Citizenship:
- (c) Esousa Group Holdings LLC is a New York limited liability company and Mr. Wachs is a U.S. citizen.
Title of class of securities:
- (d) 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

Amount beneficially owned:

- (a) 286,557. This amount consists of 286,557 shares of common stock. Not included in the reported amount are 2,345,022 shares of common stock issuable upon the exercise of Pre-Funded Warrants, 3,947,369 shares of common stock issuable upon the exercise of common warrants (together with the pre-funded Warrants, the "Warrants"). Pursuant to the terms of the Warrants, the Issuer cannot issue common stock to the Reporting Person, and the Reporting Person cannot exercise its Warrants, to the extent that the Reporting Person would beneficially own, after any such issuance or exercise, more than 9.9% of the then issued and outstanding common stock of the Issuer (the "Beneficial Ownership Limitation").
- (b) Percent of class:

9.9%. This percentage is based on 2,607,962 shares of common stock of the Issuer outstanding as of December 31, 2025, as reported in the Issuer's prospectus filed with the Securities and Exchange Commission on April 2, 2026, and

gives effect to the Beneficial Ownership Limitation. Due to the Beneficial Ownership Limitation, as of the date of the event which requires filing of this statement, the Reporting Person could not exercise its Warrants. %

- (c) Number of shares as to which the person has:
- (i) Sole power to vote or to direct the vote:
286,557 shares of common stock
 - (ii) Shared power to vote or to direct the vote:
0
 - (iii) Sole power to dispose or to direct the disposition of:
286,557 shares of common stock
 - (iv) Shared power to dispose or to direct the disposition of:
0

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 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.

Esousa Group Holdings LLC

Signature: /s/ Michael Wachs

Name/Title: Michael Wachs/Managing Member

Date: 04/06/2026

Michael Wachs

Signature: /s/ Michael Wachs

Name/Title: Michael Wachs

Date: 04/06/2026

Exhibit Information

EXHIBIT A AGREEMENT REGARDING JOINT FILING OF STATEMENT ON SCHEDULE 13D OR 13G The undersigned agree to file jointly with the Securities and Exchange Commission (the "SEC") any and all statements on Schedule 13D or Schedule 13G (and any amendments or supplements thereto) required under section 13(d) of the Securities Exchange Act of 1934, as amended, in connection with purchases and sales by the undersigned of the securities of VivoSim Labs, Inc. until such time as the undersigned file with the SEC a statement terminating this Agreement Regarding Joint Filing of Statement on Schedule 13D or 13G. April 6, 2026 ESOSA GROUP HOLDINGS LLC By: /s/ Michael Wachs Name: Michael Wachs Title: Managing Member /s/ Michael Wachs Michael Wachs