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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**FORM S-8**  
REGISTRATION STATEMENT  
*UNDER*  
*THE SECURITIES ACT OF 1933*

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**ProPhase Labs, Inc.**

(Exact name of registrant as specified in its charter)

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**Delaware**  
(State or other jurisdiction of  
incorporation or organization)

**23-2577138**  
(I.R.S. Employer  
Identification Number)

**ProPhase Labs, Inc.**  
**621 N. Shady Retreat Road**  
**Doylestown, PA 18901**  
**(215) 345-0919**  
(Address of Principal Executive Offices)

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**THE PROPHASE LABS, INC. 2018 STOCK INCENTIVE PLAN**  
(Full title of the plans)

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**Ted Karkus**  
**Chief Executive Officer**  
**ProPhase Labs, Inc.**  
**621 N. Shady Retreat Road**  
**Doylestown, PA 18901**  
**(215) 345-0919**  
(Name, address and telephone number (including area code) of agent for service)

*Copy to:*

**Herb Kozlov, Esq.**  
**Reed Smith LLP**  
**Aron Izower, Esq.**  
**Reed Smith LLP**  
**599 Lexington Avenue**  
**New York, New York 10022**  
**Tel: (212) 521-5400; Fax: (212) 521-5450**

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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 emerging growth company. See definitions of "large accelerated filer," "accelerated filer," "smaller reporting company" and "emerging growth company" in Rule 12b-2 of the Exchange Act (check one):

Large accelerated filer	<input type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input type="checkbox"/> (Do not check if a smaller reporting company)	Smaller reporting company	<input checked="" type="checkbox"/>
		Emerging growth company	<input type="checkbox"/>

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act.

**CALCULATION OF REGISTRATION FEE**

<b>Title of Securities to be registered</b>	<b>Amount to be registered<sup>(1)</sup></b>	<b>Proposed maximum offering price per share<sup>(2)</sup></b>	<b>Proposed maximum aggregate offering price<sup>(2)</sup></b>	<b>Amount of registration fee<sup>(2)</sup></b>
Common Stock, \$0.0005 par value	2,300,000	\$ 2.96	\$ 6,808,000	\$ 847.60

(1) This Registration Statement covers, in addition to the number of shares of ProPhase Labs, Inc, common stock, \$0.0005 par value per share (“Common Stock”), stated above, an additional indeterminate number of shares of Common Stock that may be offered or issued pursuant to The ProPhase Labs, Inc. 2018 Stock Incentive Plan (the “Plan”) as a result of one or more adjustments under the Plan to prevent dilution resulting from one or more stock splits, stock dividends or similar transactions pursuant to Rule 416(a) under the Securities Act of 1933, as amended (the “Securities Act”).

(2) Pursuant to Rule 457(c) and 457(h) of the Securities Act, and solely for the purpose of calculating the amount of the registration fee, the proposed maximum offering price per share and the proposed maximum aggregate offering price are based on the average of the high and low sales prices of the Common Stock on The NASDAQ Capital Market on April 17, 2018.

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## PART I

### INFORMATION REQUIRED IN THE SECTION 10(a) PROSPECTUS

The information required by Part I is included in one or more documents to be sent or given to participants in The ProPhase Labs, Inc. 2018 Stock Incentive Plan (the "Plan") pursuant to Rule 428 under the Securities Act. In accordance with the rules and regulations of the Securities and Exchange Commission (the "Commission"), and the instructions to Form S-8, such documents are not being filed with the Commission either as a part of this Registration Statement or as prospectuses or prospectus supplements pursuant to Rule 424 under the Securities Act.

## PART II

### INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

#### Item 3. Incorporation of Documents by Reference.

The following documents previously filed with the Commission are hereby incorporated by reference into this Registration Statement:

- (a) the Registrant's annual report on Form 10-K for the fiscal year ended December 31, 2017 filed on March 28, 2018;
- (b) the Registrant's current reports on Form 8-K filed on February 21, 2018 and April 16, 2018; and
- (c) the description of the Registrant's Common Stock set forth in the Registrant's registration statement on Form 8-A, filed with the Commission on October 25, 1996, including any amendments or reports filed for the purpose of updating such description.

In addition, all documents that the Registrant files pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Exchange Act of 1934, as amended (the "Exchange Act"), subsequent to the filing of this Registration Statement and prior to the filing of a post-effective amendment which indicates that all securities offered hereby have been sold or which deregisters all securities then remaining unsold, shall be deemed to be incorporated by reference into this Registration Statement and to be a part hereof from the date of filing of such documents, except as to any document or portion of any document that is deemed furnished and not filed.

Pursuant to Rule 412 under the Securities Act, any statement contained in the documents incorporated or deemed to be incorporated by reference in this Registration Statement shall be deemed to be modified, superseded or replaced for purposes of this Registration Statement to the extent that a statement contained herein or in any other subsequently filed document which also is incorporated or deemed to be incorporated by reference in this Registration Statement modifies, supersedes or replaces such statement. Any such statement so modified, superseded or replaced shall not be deemed, except as so modified, superseded or replaced, to constitute a part of this Registration Statement.

#### Item 4. Description of Securities.

Not applicable.

#### Item 5. Interests of Named Experts and Counsel.

Not applicable.

#### Item 6. Indemnification of Directors and Officers.

Section 145 of the Delaware General Corporation Law permits a corporation to indemnify any director, officer, employee or agent of the corporation, or person serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, against expenses (including attorney's fees), judgments, fines and amounts paid in settlement actually and reasonably incurred in connection with any action, suit or proceeding brought against such person, if such person acted in good faith and in a manner that the person reasonably believed to be in, or not opposed to, the best interests of the corporation, and, with respect to any criminal action or proceeding, if he or she had no reasonable cause to believe his or her conduct was unlawful. In a derivative action, (i.e., one brought by or on behalf of the corporation), indemnification may be provided only for expenses actually and reasonably incurred by the person in connection with the defense or settlement of such an action or suit if such person acted in good faith and in a manner that he or she reasonably believed to be in, or not opposed to, the best interests of the corporation, except that no indemnification shall be provided if such person shall have been adjudged to be liable to the corporation, unless and only to the extent that the court in which the action or suit was brought shall determine upon application that, despite the adjudication of liability but in view of all the circumstances of the case, such person is fairly and reasonably entitled to indemnity for such expenses which the court shall deem proper.

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The Registrant's certificate of incorporation and amended and restated bylaws provide that the Registrant shall indemnify, to the fullest extent permitted by the Delaware General Corporation Law, as the same may be amended or supplemented from time to time, any and all past, present and future directors and officers of the Registrant, and any other persons to which the Delaware General Corporation Law permits the Registrant to provide indemnification ("Indemnified Persons"), from and against any and all costs, expenses (including attorneys' fees), damages, judgments, penalties, fines, punitive damages, excise taxes assessed with respect to an employee benefit plan and amounts paid in settlement in connection with any action, suit or proceeding in which the director or officer may be involved as a party or otherwise, by reason of the fact that such person was serving as a director, officer, employee or agent of the Registrant, including service with respect to an employee benefit plan.

The Registrant's amended and restated bylaws provide that the right to indemnification shall include the right to be paid by the Registrant the expenses incurred in defending any such proceeding in advance of its final disposition; provided, however, that, if the Delaware General Corporation Law requires, an advancement of expenses incurred by an indemnitee in his or her capacity as a director or officer (and not in any capacity in which service was or is rendered by such indemnitee, including, without limitation, service to an employee benefit plan) shall be made only upon delivery to the Registrant of an undertaking, by or on behalf of such Indemnified Person, to repay all amounts so advanced if it shall ultimately be determined by final judicial decision from which there is no further right to appeal that such indemnitee is not entitled to be indemnified for such expenses under the bylaws or otherwise. Under the terms of the amended and restated bylaws, if the Registrant does not pay a proper claim for indemnification in full within 60 days after receiving a written claim for such indemnification, except in the case of a claim for an advancement of expenses, in which case the applicable period shall be 20 days, the claimant may bring an action against the Company to recover the unpaid amount of the claim.

Pursuant to Section 102(b)(7) of the Delaware General Corporation Law, the Company's certificate of incorporation eliminates the liability of a director to the Company or its stockholders for monetary damages for a breach of fiduciary duty as a director, except for liabilities arising:

- from any breach of the director's duty of loyalty to the Company or its stockholders;
- from acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law;
- under Section 174 of the Delaware General Corporation Law; or
- from any transaction from which the director derived an improper personal benefit.

The Company has also entered into substantially identical indemnity agreements with each member of the Board of Directors and Mr. Ted Karkus, the Company's Chairman and Chief Executive Officer. These agreements provide, among other things, that we will indemnify each director and Mr. Karkus in the event that they become a party or otherwise a participant in any action or proceeding on account of their service as a director or officer of the Company (or service for another corporation or entity in any capacity at the request of the Company) to the fullest extent permitted by applicable law. Under the indemnity agreement, we will pay, in advance of the final disposition of any such action or proceeding, expenses (including attorneys' fees) incurred by our directors or officers in defending or otherwise responding to such action or proceeding upon receipt of a written undertaking from the directors or officers to repay the amount advanced consistent with applicable law in the event that a court shall ultimately determine that he or she is not entitled to be indemnified for such expenses. The contractual rights to indemnification provided by the indemnity agreements are subject to the limitations and conditions specified in the agreements, and are in addition to any other rights each director and officer may have under our amended and restated bylaws, each as amended from time to time, and applicable law.

Directors and officers of the Company are also covered by directors' and officers' liability insurance under which they are insured (subject to certain exceptions and limitations specified in the policy) against expenses and liabilities arising out of proceedings to which they are parties by reason of being or having been directors or officers. Under these policies, the insurer, on the Company's behalf, may also pay amounts for which the Company has granted indemnification to the directors or officers.

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**Item 7. Exemption from Registration Claimed.**

Not applicable.

**Item 8. Exhibits.**

<b>Exhibit No.</b>	<b>Description of Exhibit</b>
5.1*	<a href="#">Opinion of Reed Smith LLP</a>
23.1*	<a href="#">Consent of Independent Registered Public Accounting Firm</a>
23.2*	<a href="#">Consent of Reed Smith LLP (contained in Exhibit 5.1 to this Registration Statement)</a>
24.1*	<a href="#">Power of Attorney of certain Officers and Directors of the Company (contained on signature page to this Registration Statement)</a>
99.1*	<a href="#">The ProPhase Labs, Inc. 2018 Stock Incentive Plan (incorporated by reference to Exhibit 10.1 to the Form 8-K (File No. 000-21617) filed on April 13, 2018)</a>

**Item 9. Undertakings.**

(a) The undersigned registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this Registration Statement:

(i) To include any prospectus required by Section 10(a)(3) of the Securities Act;

(ii) To reflect in the prospectus any facts or events arising after the effective date of the Registration Statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in this Registration Statement; and

(iii) To include any material information with respect to the plan of distribution not previously disclosed in this Registration Statement or any material change to such information in this Registration Statement;

*provided, however*, that paragraphs (a)(1)(i) and (a)(1)(ii) do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in periodic reports filed with or furnished to the Commission by the registrant pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in this Registration Statement.

(2) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(b) The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to section 15(d) of the Exchange Act) that is incorporated by reference in this Registration Statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(h) Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

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**SIGNATURES**

Pursuant to the requirements of the Securities Act of 1933, as amended, the Company 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, thereto duly authorized, in the City of Doylestown, State of Pennsylvania, on April 20, 2018.

**PROPHASE LABS, INC.**

By: /s/ Ted Karkus  
Ted Karkus  
Chief Executive Officer and Chairman

**POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS that each of the undersigned directors and officers of ProPhase Labs, Inc. hereby appoints Ted Karkus and Monica Brady, and each of them acting singly, as his or her true and lawful attorney-in-fact and agent, for him or her and in his or her name, place and stead, with full power to act alone, to sign on his or her behalf and in the capacity set forth below, any and all amendments and post-effective amendments and supplements to this Registration Statement on Form S-8 and to file each such amendment and post-effective amendment and supplements to this Registration Statement, with all exhibits thereto, and any and all other documents in connection therewith, with the Securities and Exchange Commission, hereby granting unto said attorney-in-fact and agent full power and authority to do and perform any and all acts and things requisite and necessary or appropriate 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 attorney-in-fact and agent may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, as amended, this Registration Statement has been signed by the following persons in the capacities and on the dates indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ Ted Karkus</u> Ted Karkus	Chief Executive Officer and Chairman <i>(Principal Executive Officer)</i>	April 20, 2018
<u>/s/ Monica Brady</u> Monica Brady	Chief Accounting Officer <i>(Principal Financial and Accounting Officer)</i>	April 20, 2018
<u>/s/ Jason Barr</u> Jason Barr	Director	April 20, 2018
<u>/s/ Mark Burnett</u> Mark Burnett	Director	April 20, 2018
<u>/s/ Louis Gleckel</u> Louis Gleckel, MD	Director	April 20, 2018





April 20, 2018

ProPhase Labs, Inc.  
621 N. Shady Retreat Road  
Doylestown, Pennsylvania 18901

Ladies and Gentlemen:

We have acted as counsel to ProPhase Labs, Inc., a Delaware corporation (the "Company"), in connection with the filing by the Company on the date hereof of a Registration Statement on Form S-8 (the "Registration Statement") with the Securities and Exchange Commission (the "Commission") covering the offer and sale of up to 2,300,000 shares of the Company's common stock, \$0.0005 par value per share (the "Shares"), issuable pursuant to The ProPhase Labs, Inc. 2018 Stock Incentive Plan (the "Plan").

This opinion is being furnished at the Company's request in connection with the requirements of Item 601(b)(5) of Regulation S-K under the Securities Act of 1933, as amended (the "Securities Act"), and no opinion is expressed herein as to any matter pertaining to the contents of the Registration Statement or the prospectus forming a part thereof, other than as to the issuance of the Shares.

In rendering the opinion hereinafter expressed, we have made such legal and factual examinations and inquiries, including an examination of originals or copies certified or otherwise identified to our satisfaction as being true reproductions of originals, of all such documents, records, agreements and other instruments, including the Registration Statement, the Plan, the Certificate of Incorporation of the Company, the Amended and Restated Bylaws of the Company, and corporate minutes of the Company as we have deemed necessary and appropriate for the purpose of this opinion. We have assumed that there are no agreements or understandings between or among the Company and any participants in the Plan that would expand, modify or otherwise affect the terms of the Plan or the respective rights or obligations of any participants thereunder. We have further assumed the genuineness of all signatures, the authenticity of all documents, certificates and records submitted to us as originals, the conformity to original documents, certificates and records of all documents, certificates and records submitted to us as copies, and the truthfulness of all statements of fact contained therein.

Based upon the foregoing, and having regard to legal considerations and other information that we deem relevant, we are of the opinion that, as of the date hereof, when the Shares shall have been duly registered on the books of the transfer agent and registrar therefor in the name or on behalf of the purchasers, and have been issued by the Company against payment therefor in the circumstances contemplated by the Plan and assuming that the individual issuances, grants or awards under the Plan are duly authorized by all necessary corporate action of the Company and duly issued, granted or awarded and exercised and paid for, for consideration at least equal to the par value thereof, in accordance with the requirements of law and the Plan (and the agreements and awards duly adopted thereunder and in accordance therewith), the offer and sale of the Shares shall have been duly authorized and, when and to the extent that the Shares are issued in accordance with the foregoing, such Shares will be validly issued, fully paid and non-assessable.

We express no opinion herein as to the laws of any state or jurisdiction other than the General Corporation Law of the State of Delaware.

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

Very truly yours,

/s/ Reed Smith

Reed Smith LLP

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**CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

We consent to the incorporation by reference in this Registration Statement of ProPhase Labs, Inc. on Form S-8 to be filed on or about April 19, 2018 of our report dated March 28, 2018, on our audits of the consolidated financial statements as of December 31, 2017 and 2016 and for each of the years in the three-year period ended December 31, 2017, which report was included in the Annual Report on Form 10-K filed March 28, 2018.

*/s/ EisnerAmper LLP*

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EISNERAMPER LLP  
Iselin, New Jersey  
April 19, 2018

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