

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

FORM 8-A

**FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES
PURSUANT TO SECTION 12(b) OR 12(g) OF THE
SECURITIES EXCHANGE ACT OF 1934**

JAGUAR ANIMAL HEALTH, INC.

(Exact name of registrant as specified in its charter)

Delaware
(State of incorporation or organization)

46-2956775
(I.R.S. Employer Identification No.)

185 Berry Street, Suite 1300
San Francisco, California
(Address of principal executive offices)

94107
(Zip Code)

Securities to be registered pursuant to Section 12(b) of the Act:

<u>Title of each class to be so registered</u>	<u>Name of each exchange on which each class is to be registered</u>
Common Stock, par value \$0.0001 per share	The NASDAQ Stock Market LLC

If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A. (c), check the following box. x

If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A. (d), check the following box. o

Securities Act registration statement file number to which this form relates: 333-198383

Securities to be registered pursuant to Section 12(g) of the Act: None

Item 1. Description of Registrant's Securities to be Registered.

Jaguar Animal Health, Inc. (the "Registrant") hereby incorporates by reference herein the description of its Common Stock, par value \$0.0001 per share, to be registered hereunder, contained under the heading "Description of Capital Stock" in the Registrant's Registration Statement on Form S-1 (File No. 333-198383), as originally filed with the Securities and Exchange Commission (the "Commission") on August 27, 2014, including exhibits, and as amended from time to time thereafter (the "Registration Statement"). In addition, the above-referenced description included in any prospectus relating to the Registration Statement filed with the Commission pursuant to Rule 424(b) under the Securities Act of 1933, as amended, shall be deemed to be incorporated by reference herein.

Item 2. Exhibits.

In accordance with the "Instructions as to Exhibits" with respect to Form 8-A, no exhibits are required to be filed as part of this registration statement because no other securities of the Registrant are registered on The NASDAQ Stock Market LLC and the securities registered pursuant to this Form 8-A are not being registered pursuant to Section 12(g) of the Securities Exchange Act of 1934, as amended.

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, as amended, the Registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereto duly authorized.

JAGUAR ANIMAL HEALTH, INC.

By: /s/ Lisa A. Conte

Lisa A. Conte

Chief Executive Officer and President

Date: October 30, 2014