

Ardea Biosciences, Inc./DE

Form 8-A12B

October 09, 2007

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 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**

Ardea Biosciences, Inc.

(Exact name of registrant as specified in its charter)

Delaware

(State of incorporation or organization)

94-3200380

(I.R.S. Employer Identification no.)

**2131 Palomar Airport Road, Suite 300
Carlsbad, California**

(Address of principal executive offices)

92011

(Zip code)

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.

Securities Act registration statement file number to which the form relates: _____ (if applicable)

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

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.

**Title of each class
to be so registered**

Common Stock, \$0.001 par value per share

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

Not applicable
(Title of class)

**Name of exchange on which
each class is to be registered**

The NASDAQ Stock Market LLC

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

A description of the common stock, \$0.001 par value per share (the Common Stock), of Ardea Biosciences, Inc., a Delaware corporation (the Registrant), to be registered hereunder is contained in the section entitled Description of Capital Stock in the prospectus included in the Registrant's Form S-1 Registration Statement (File No. 333-114451), initially filed with the Securities and Exchange Commission on April 14, 2004, as amended from time to time (the Registration Statement), and is incorporated herein by reference.

Item 2. Exhibits.

None.

SIGNATURE

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

ARDEA BIOSCIENCES, INC.

Date: October 9, 2007

By: /s/ Barry D. Quart
Barry D. Quart, Pharm. D
Chief Executive Officer