

LEXICON GENETICS INC/TX

Form 8-K

February 21, 2007

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

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): February 21, 2007

Lexicon Genetics Incorporated

(Exact name of registrant as specified in its charter)

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

**000-30111
(Commission File Number)**

**76-0474169
(I.R.S. Employer
Identification Number)**

**8800 Technology Forest Place
The Woodlands, Texas 77381
(Address of principal executive
offices and Zip Code)**

**(281) 863-3000
(Registrant's telephone number,
including area code)**

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligations of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
-

Item 2.02 Results of Operations and Financial Condition

On February 21, 2007, we issued a press release to report our financial results for the quarter and year ended December 31, 2006. A copy of the press release is attached to this current report on Form 8-K as Exhibit 99.1.

The information in this Form 8-K and the Exhibit attached to this Form 8-K shall not be deemed filed for purposes of Section 18 of the Securities Exchange Act of 1934 (the Exchange Act) or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933 or the Exchange Act, except as expressly set forth by specific reference in such a filing.

Item 9.01 Financial Statements and Exhibits

(d) Exhibits

| Exhibit No. | Description |
|--------------------|--|
| 99.1 | Press Release of Lexicon Genetics Incorporated dated February 21, 2007 |

Signatures

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Lexicon Genetics Incorporated

Date: February 21, 2007

By: /s/ Jeffrey L. Wade
Jeffrey L. Wade
*Executive Vice President and
General Counsel*

Index to Exhibits

| Exhibit No. | Description |
|--------------------|--|
| 99.1 | Press Release of Lexicon Genetics Incorporated dated February 21, 2007 |