

SPECTRX INC  
Form 8-K  
March 21, 2006

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# 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): **March 21, 2006 (March 16, 2006)**

### SPECTRX, INC.

(Exact Name of Registrant as Specified in Its Charter)

**Delaware**

(State or Other Jurisdiction of Incorporation)

**0-22179**

(Commission File Number)

**58-2029543**

(IRS. Employer Identification No.)

**4955 Avalon Ridge Pkwy, Suite 300**

**Norcross, Georgia**

(Address of Principal Executive Offices)

**30071**

(Zip Code)

Registrant's Telephone Number, Including Area Code: **(770) 242-8723**

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(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation 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))
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Item 8.01. OTHER EVENTS.

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SIGNATURES

EXHIBIT INDEX

Exhibit 99.1 Press Release, dated March 16, 2006.

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Item 8.01. **Other Events.**

On March 16, 2006, the registrant publicly announced that two clinical studies indicate the SpectRx non-invasive cervical cancer detection device accurately detects disease while reducing false positive results, as more fully described in the press release, a copy of which is furnished as Exhibit 99.1 hereto and which information is incorporated herein by reference.

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Item 9.01. **Financial Statements and Exhibits.**

(c) Exhibits.

The following exhibit is filed or furnished with this report:

| <u>Exhibit No.</u> | <u>Exhibit Description</u>          |
|--------------------|-------------------------------------|
| 99.1               | Press Release, dated March 16, 2006 |

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**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.

**SPECTRX, INC.**

/s/ MARK A. SAMUELS

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By: Mark A. Samuels  
CEO & CFO

Date: March 21, 2006.

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