

LABORATORY CORP OF AMERICA HOLDINGS

Form 8-K

February 14, 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

February 13, 2007
(Date of earliest event reported)

**LABORATORY CORPORATION OF
AMERICA HOLDINGS**

(Exact Name of Registrant as Specified in its Charter)

DELAWARE

1-11353

13-3757370

(State or other jurisdiction
of Incorporation)

(Commission
File Number)

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

**358 SOUTH MAIN STREET,
BURLINGTON, NORTH CAROLINA**

27215

336-229-1127

(Address of principal executive offices)

(Zip
Code)

(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 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))

ITEM 7.01. Regulation FD Disclosure

On February 13, 2007, Laboratory Corporation of America® Holdings (LabCorp®) (NYSE: LH), one of the world's leading clinical trials and genetic testing laboratories, and ARCA Discovery, Inc., a privately-held biopharmaceutical company developing genetically-targeted therapies for heart failure and other cardiovascular diseases, announced an exclusive collaboration to develop a commercial genetic test to aid in prescribing bucindolol, a genetically-targeted heart failure drug in development by ARCA. Financial terms of the agreement were not disclosed.

Exhibits

99.1 Press Release dated February 13, 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 hereunto duly authorized.

Laboratory Corporation of America Holdings

(Registrant)

Date: February 14, 2007

By: /s/Bradford T. Smith
Bradford T. Smith, Executive Vice
President
and Secretary