

LABORATORY CORP OF AMERICA HOLDINGS  
Form 8-K  
October 25, 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

October 25, 2007  
(Date of earliest event reported)

**LABORATORY CORPORATION OF  
AMERICA HOLDINGS**

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(Exact Name of Registrant as Specified in its Charter)

**DELAWARE**

**1-11353**

**13-3757370**

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(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**

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(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 October 25, 2007, Laboratory Corporation of America® Holdings (LabCorp®) (NYSE: LH), an industry leader in prenatal clinical laboratory testing, announced that it now offers Integrated screening and Sequential screening tests under license from Intema Limited. When Integrated screening and Sequential screening test results include a fetal ultrasound nuchal translucency measurement, the highest Down syndrome detection rates are achieved and fewer false positives are experienced than with current first- or second-trimester screening.

Exhibits

99.1 Press Release dated October 25, 2007

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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 hereunto duly authorized.

Laboratory Corporation of America Holdings  
(Registrant)

Date: October 25, 2007

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