

LABORATORY CORP OF AMERICA HOLDINGS  
Form 8-K  
January 22, 2008

**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**

January 22, 2008  
(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 January 22, 2008, Laboratory Corporation of America® Holdings (LabCorp®) (NYSE: LH) announced the availability of an ultra high-density microarray, Affymetrix based technology (Whole-Genome Sampling Analysis). The offering continues the numerous recent advances in LabCorp's clinical genetics laboratory diagnostics. In 2005, LabCorp first offered the comparative genomic hybridization (CGH) based microarray diagnostics which focused on mental retardation and developmental delay. This targeted testing underscored the need for higher density whole genome coverage. The Affymetrix-based technology provides analysis of

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DNA copy number changes identifying deletions, gene amplifications and loss of heterozygosity (LOH).

Exhibits

99.1 Press Release dated January 22, 2008

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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: January 22, 2008

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