

**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

December 1, 2010
(Date of earliest event reported)

**LABORATORY CORPORATION OF
AMERICA HOLDINGS**

(Exact Name of Registrant as Specified in its Charter)

Delaware

(State or other jurisdiction of Incorporation)

1-11353

(Commission File Number)

13-3757370

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

**358 South Main Street,
Burlington, North Carolina**

(Address of principal executive offices)

27215

(Zip Code)

336-229-1127

(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 communication 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 December 1, 2010, Laboratory Corporation of America® Holdings (NYSE: LH) announced the successful completion of its acquisition of Genzyme Genetics, a business unit of Genzyme Corp. (NASDAQ: GENZ), in an all cash transaction valued at \$925 million. Net of expected income tax benefits, less acquisition-related expenses, the acquisition has a net cash cost to LabCorp of approximately \$795 million.

Exhibits

99.1 Press Release dated December 1, 2010

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

By: /s/ F. SAMUEL EBERTS III

F. Samuel Eberts III

Chief Legal Officer and Secretary

December 1, 2010

Laboratory Corporation of America
358 South Main Street
Burlington, NC 27215
Telephone: (336) 584-5171

FOR IMMEDIATE RELEASE

Investor/Media Contact:
Stephen Anderson – 336-436-5274
Company Information: www.labcorp.com

LabCorp Successfully Completes Acquisition of Genzyme Genetics

Burlington, NC, December 01, 2010 - Laboratory Corporation of America® Holdings (NYSE: LH) today announced the successful completion of its acquisition of Genzyme Genetics, a business unit of Genzyme Corp. (NASDAQ: GENZ), in an all cash transaction valued at \$925 million. Net of expected income tax benefits, less acquisition-related expenses, the acquisition has a net cash cost to LabCorp of approximately \$795 million.

Genzyme Genetics is a leading provider of complex reproductive and oncology testing services and the preferred provider for such services to maternal fetal medicine specialists and obstetrician / gynecologists nationally. “Closing the acquisition of Genzyme Genetics firmly establishes LabCorp as the premier genetics and oncology laboratory in the United States and further strengthens LabCorp’s leadership position in personalized medicine. We are excited to welcome the Genzyme Genetics personnel to our LabCorp family,” said David P. King, Chairman and Chief Executive Officer of LabCorp.

About LabCorp®

Laboratory Corporation of America® Holdings, an S&P 500 company, is a pioneer in commercializing new diagnostic technologies and the first in its industry to embrace genomic testing. With annual revenues of \$4.7 billion in 2009, over 28,000 employees worldwide, and more than 220,000 clients, LabCorp offers clinical assays ranging from routine blood analyses to HIV and genomic testing. LabCorp combines its expertise in innovative clinical testing technology with its Centers of Excellence: The Center for Molecular Biology and Pathology, National Genetics Institute, ViroMed Laboratories, Inc., The Center for Esoteric Testing, Litholink Corporation, DIANON Systems, Inc., US LABS, Monogram Biosciences, Inc. and Esoterix, Inc. and its Colorado Coagulation, Endocrine Sciences, and Cytometry Associates laboratories. LabCorp conducts clinical trials testing through its Esoterix Clinical Trials Services division. LabCorp clients include physicians, government agencies, managed care organizations, hospitals, clinical labs, and pharmaceutical companies. To learn more about our organization, visit our Web site at: www.labcorp.com.

This press release contains forward-looking statements. Each of the forward-looking statements is subject to change based on various important factors, including without limitation, competitive actions in the marketplace and adverse actions of governmental and other third-party payors. Actual results could differ materially from those suggested by these forward-looking statements. Further information on potential factors that could affect LabCorp’s financial results is included in the Company’s Form 10-K for the year ended December 31, 2009, and subsequent SEC filings.