

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549**

**FORM 10-Q/A  
Amendment No. 1**

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d)  
OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended June 30, 2010

OR

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d)  
OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

Commission file number 1-11353

**LABORATORY CORPORATION OF  
AMERICA HOLDINGS**

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation or organization)

13-3757370

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

358 South Main Street,  
Burlington, North Carolina

(Address of principal executive offices)

27215

(Zip Code)

(Registrant's telephone number, including area code) 336-229-1127

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports) and (2) has been subject to such filing requirements for the past 90 days. Yes  No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (paragraph 232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes  No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer," and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer

Accelerated Filer

Non-accelerated filer  (Do not check if a smaller reporting company)

Smaller reporting company

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes  No .

The number of shares outstanding of the issuer's common stock is 102.8 million shares, net of treasury stock as of July 22, 2010.

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## EXPLANATORY NOTE

The sole purpose of this Amendment No. 1 on Form 10-Q/A to Laboratory Corporation of America Holdings' Form 10-Q for the quarterly period ended June 30, 2010 (the "Form 10-Q") is to furnish the interactive data files as Exhibit 101. Exhibit 101 to this report provides the following items from the Company's Form 10-Q formatted in Extensible Business Reporting Language (XBRL): (i) the unaudited Condensed Consolidated Balance Sheets, (ii) the unaudited Condensed Consolidated Statements of Operations, (iii) the unaudited Condensed Consolidated Statements of Changes in Shareholders' Equity, (iv) the unaudited Condensed Consolidated Statements of Cash Flows and (v) the Notes to unaudited Condensed Consolidated Financial Statements.

Users of this data are advised that pursuant to Rule 406T of Regulation S-T these interactive data files are deemed not filed or part of a registration statement or prospectus for purposes of Sections 11 or 12 of the Securities Act of 1933, are deemed not filed for purposes of Section 18 of the Securities and Exchange Act of 1934, and otherwise are not subject to liability under those Sections. No other changes have been made to the Form 10-Q other than those described above. This Amendment No. 1 does not reflect subsequent events occurring after the original filing date of the Form 10-Q or modify or update in any way disclosures made in the Form 10-Q.

## Exhibit Index

<u>Exhibit Number</u>	<u>Description</u>
12.1*	Ratio of earnings to fixed charges
31.1*	Certification by the Chief Executive Officer pursuant to Rule 13a-14(a) or Rule 15d-14(a)
31.2*	Certification by the Chief Financial Officer pursuant to Rule 13a-14(a) or Rule 15d-14(a)
32*	Written Statement of Chief Executive Officer and Chief Financial Officer pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 (18 U.S.C. Section 1350)
101.INS**	XBRL Instance Document
101.SCH**	XBRL Taxonomy Extension Schema
101.CAL**	XBRL Taxonomy Extension Calculation Linkbase
101.DEF**	XBRL Taxonomy Extension Definition Linkbase
101.LAB**	XBRL Taxonomy Extension Label Linkbase
101.PRE**	XBRL Taxonomy Extension Presentation Linkbase

\* previously filed

\*\* filed herewith

## 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.

### LABORATORY CORPORATION OF AMERICA HOLDINGS

Registrant

By: /s/ DAVID P. KING

\_\_\_\_\_  
David P. King  
Chairman of the Board, President  
and Chief Executive Officer

By: /s/ WILLIAM B. HAYES

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William B. Hayes  
Executive Vice President,  
Chief Financial Officer and Treasurer

August 20, 2010