

HOLOGIC INC  
Form 8-K  
May 10, 2010

**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

**Date of Report (Date of earliest event reported): May 4, 2010**

**HOLOGIC, INC.**

(Exact Name of Registrant as Specified in its Charter)

**DELAWARE**

(State or Other Jurisdiction of Incorporation)

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**0-18281**  
(Commission File Number)

**04-2902449**  
(I.R.S. Employer Identification No.)

**35 Crosby Drive, Bedford, MA**  
(Address of Principal Executive Offices)

**01730**  
(Zip Code)

**(781) 999-7300**

(Registrant's Telephone Number, Including Area Code)

(Former Name or Former Address, if Changed Since Last Report)

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 (*see* General Instruction A.2. below):

- .. 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 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers**

On May 4, 2010, Howard B. Doran, Jr. announced his resignation as an executive officer of the Company. Prior to his resignation, Mr. Doran served as Senior Vice President & GM Diagnostics. Mr. Doran will remain with the Company until June 11, 2010, the effective date of his resignation.

**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.

Dated: May 10, 2010

HOLOGIC, INC.

By:

/s/ MARK J. CASEY

**Mark J. Casey**

**Senior Vice President, General Counsel and Secretary**