

HOLOGIC INC  
Form 8-K  
December 05, 2007

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**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

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**FORM 8-K**

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**Current Report Pursuant**  
**to Section 13 or 15(d) of the**  
**Securities Exchange Act of 1934**

**Date of Report (Date of earliest event reported) December 5, 2007**

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**HOLOGIC, INC.**

(Exact Name of Registrant as Specified in Its Charter)

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**DELAWARE**

(State or Other Jurisdiction of Incorporation)

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

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

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

**01730**  
(Zip Code)

**(781) 999-7300**

(Registrant's Telephone Number, Including Area Code)

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

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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))
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**Item 8.01 Other Events.**

On December 5, 2007, Hologic, Inc. (the Company ) issued a press release announcing the pricing of an offering of convertible senior notes.

A copy of the press release is attached hereto as Exhibit 99.1.

**Item 9.01 Financial Statements And Exhibits.**

(d) Exhibits.

The following Exhibits are filed as part of this report:

<b>EXHIBIT NO.</b>	<b>DESCRIPTION</b>
99.1	Press Release dated December 5, 2007

SIGNATURE

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: December 5, 2007

HOLOGIC, INC.

By: /s/ Robert H. Lavallee  
Robert H. Lavallee, Senior Vice President and Chief  
Accounting Officer

EXHIBIT INDEX

<b>EXHIBIT NO.</b>	<b>DESCRIPTION</b>
99.1	Press Release dated December 5, 2007

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