THERMO FISHER SCIENTIFIC INC.

Form 8-K

September 19, 2008

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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): September 17, 2008

THERMO FISHER SCIENTIFIC INC.

(Exact name of Registrant as specified in its Charter)

Delaware 1-8002 04-2209186

(State or other jurisdiction of (Commission File Number) (I.R.S. Employer Identification

incorporation or organization) Number)

81 Wyman Street Waltham, Massachusetts (Address of principal executive offices)

02451 (Zip Code)

(781) 622-1000

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

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

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<u>Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers</u>

SIGNATURE

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Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers

(b) On September 17, 2008, Bruce Koepfgen, a director of Thermo Fisher Scientific Inc. (the Company), submitted his resignation from the Board of Directors of the Company, effective September 30, 2008. Mr. Koepfgen was elected to the Board in November 2006. From May 2005 to November 2006, Mr. Koepfgen was a member of the board of Fisher Scientific International Inc., which merged with the Company in November 2006. Mr. Koepfgen is a member of the Audit Committee of the Board of Directors.

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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 thereunto duly authorized, on this 19th day of September, 2008.

THERMO FISHER SCIENTIFIC INC.

By: /s/ Seth H. Hoogasian Seth H. Hoogasian Senior Vice President, General Counsel and Secretary