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): August 23, 2005

MYRIAD GENETICS, INC.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation) 0-26642 (Commission File Number) 87-0494517 (IRS Employer Identification No.)

320 Wakara Way

Salt Lake City, Utah 84108

(Address of principal executive offices) (Zip Code)

Registrant s telephone number, including area code: (801) 584-3600

Not Applicable

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(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))

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ITEM 2.02 Results of Operations and Financial Condition

On August 23, 2005, Myriad Genetics, Inc. announced its financial results for the three and twelve months ended June 30, 2005. The earnings release is attached hereto as an exhibit to this Current Report on Form 8-K and is being filed pursuant to this Item 2.02 as Exhibit 99.1 to this Current Report on Form 8-K.

ITEM 9.01 Financial Statements and Exhibits.

(c) The following exhibit is filed with this report:

Exhibit		
Number	Description	

99.1 Earnings release dated August 23, 2005 for the three and twelve months ended June 30, 2005.

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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.

MYRIAD GENETICS, INC.

Date: August 23, 2005

By: /s/ Peter D. Meldrum Peter D. Meldrum President and Chief Executive Officer

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EXHIBIT INDEX

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