

MYRIAD GENETICS INC  
Form 4  
September 03, 2008

**FORM 4**

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
Capone Mark Christopher

(Last) (First) (Middle)  
320 WAKARA WAY  
(Street)

SALT LAKE CITY, UT 84108

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol

MYRIAD GENETICS INC [MYGN]

3. Date of Earliest Transaction (Month/Day/Year)  
08/29/2008

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
Chief Operating Officer, MGL

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	08/29/2008		M		5,470	A	\$ 22.12
Common Stock	08/29/2008		S		5,470	D	\$ 67.934
Common Stock	08/29/2008		M		3,000	A	\$ 16.97
Common Stock	08/29/2008		S		3,000	D	\$ 67.934
Common Stock	08/29/2008		M		2,316	A	\$ 16.64

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Common Stock	08/29/2008	S	2,316	D	\$ 67.934	6,081	D
Common Stock	08/29/2008	M	5,184	A	\$ 16.64	11,265	D
Common Stock	08/29/2008	S	5,184	D	\$ 67.934	6,081	D
Common Stock	08/29/2008	M	2,030	A	\$ 22.12	8,111	D
Common Stock	08/29/2008	S	2,030	D	\$ 67.934	6,081	D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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(9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Security (Instr. 3 and 4)	8. Amount or Number of Shares
Non-Qualified Stock Option (right to buy)	\$ 16.64	08/29/2008		M	2,316	04/14/2005 09/08/2014	Common Stock	2,316
Non-Qualified Stock Option (right to buy)	\$ 16.64	08/29/2008		M	5,184	04/14/2005 09/08/2014	Common Stock	5,184
Non-Qualified Stock Option (right to buy)	\$ 16.97	08/29/2008		M	3,000	04/14/2005 02/19/2014	Common Stock	3,000
Non-Qualified Stock Option (right to buy)	\$ 22.12	08/29/2008		M	5,470	04/14/2005 02/17/2015	Common Stock	5,470
Non-Qualified Stock Option	\$ 22.12	08/29/2008		M	2,030	04/14/2005 02/17/2015	Common Stock	2,030

(right to buy)

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Capone Mark Christopher 320 WAKARA WAY SALT LAKE CITY, UT 84108			Chief Operating Officer, MGL	

## Signatures

By: Richard Marsh For: Mark C. Capone  
Date: 09/03/2008

Signature of Reporting Person

Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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