

MYRIAD GENETICS INC

Form 4

September 03, 2008

FORM 4**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

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

OMB APPROVAL

OMB
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2005
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(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
____X____ Officer (give title below) ____ Other (specify below)

Chief Operating Officer, MGL

6. Individual or Joint/Group Filing(Check
Applicable Line)
____X____ 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)
Common Stock	08/29/2008		M	5,470 A	\$ 22.12 11,551	D	
Common Stock	08/29/2008		S	5,470 D	\$ 67.934 6,081	D	
Common Stock	08/29/2008		M	3,000 A	\$ 16.97 9,081	D	
Common Stock	08/29/2008		S	3,000 D	\$ 67.934 6,081	D	
Common Stock	08/29/2008		M	2,316 A	\$ 16.64 8,397	D	

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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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SEC 1474
(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)			
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	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 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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