

MYRIAD GENETICS INC
 Form 4
 September 12, 2012

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)
 09/10/2012

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)
 President, 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 Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	09/10/2012		M ⁽¹⁾		4,450	A	\$ 8.63
Common Stock	09/10/2012		S ⁽¹⁾		4,450	D	\$ 27
Common Stock	09/10/2012		M ⁽¹⁾		1,251	A	\$ 9.04
Common Stock	09/10/2012		S ⁽¹⁾		1,251	D	\$ 27
Common Stock	09/10/2012		M ⁽¹⁾		14,104	A	\$ 9.04

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Common Stock 09/10/2012 S⁽¹⁾ 14,104 D \$ 27 49,268 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
Incentive Stock Option (right to buy)	\$ 8.63	09/10/2012		<u>M</u> ⁽¹⁾	4,450	<u>(2)</u> 02/16/2016	Common Stock	4,450
Incentive Stock Option (right to buy)	\$ 9.04	09/10/2012		<u>M</u> ⁽¹⁾	1,251	<u>(2)</u> 09/06/2016	Common Stock	1,251
Non-Qualified Stock Option (right to buy)	\$ 9.04	09/10/2012		<u>M</u> ⁽¹⁾	14,104	<u>(2)</u> 09/06/2016	Common Stock	14,104

Reporting Owners

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

Signatures

By: Richard Marsh For: Mark C. Capone 09/12/2012

**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).

(1) This transaction was effected pursuant to a Rule 10b5-1 trading plan.

(2) The combined Incentive Stock Option and Non-Qualified Stock Option grants vest 25% annually beginning on the first anniversary date of the option grant, subject to statutory ISO limitations.

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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