MYRIAD GENETICS INC

Form 4

September 12, 2012

OMB APPROVAL

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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

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

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

1(b).

Common

Common

Common

Stock

Stock

Stock

09/10/2012

09/10/2012

09/10/2012

(Print or Type Responses)

			2. Issuer Name and Ticker or Trading Symbol MYRIAD GENETICS INC [MYGN]				5. Relationship of Reporting Person(s) to Issuer			
(Last)	(First) (3. Date of Earliest Transaction			(Check all applicable)				
· / / · · / · · · / · · · · / · · · · ·			n/Day/Year)	Day/Year)				Director 10% Owner Other (specify below)		
(Street) 4.			4. If Amendment, Date Original				6. Individual or Joint/Group Filing(Check			
Filed SALT LAKE CITY, UT 84108			Filed(Month/Day/Year)				Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	able I - Non-I	Derivative S	Securi	ties Acq	uired, Disposed o	of, or Beneficial	ly Owned	
1.Title of Security (Instr. 3)	2. Transaction Dat (Month/Day/Year)		te, if Transaction(A) or Disposed of (D) Sec Code (Instr. 3, 4 and 5) Ber Year) (Instr. 8) Ow Fol (A) Tra		5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)				
Common Stock	09/10/2012		Code V M(1)	Amount 4,450		Price \$ 8.63	(Instr. 3 and 4) 53,718	D		
Common Stock	09/10/2012		S <u>(1)</u>	4,450	D	\$ 27	49,268	D		

 $M^{(1)}$

 $S^{(1)}$

 $M^{(1)}$

1,251

1,251

14,104 A

50,519

49,268

63,372

\$ 27

D

D

D

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Common Stock 09/10/2012 S<u>(1)</u> 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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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 on 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 Amour Underlying Securit (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amo or Num of Sh
Incentive Stock Option (right to buy)	\$ 8.63	09/10/2012		M <u>(1)</u>	4,450	(2)	02/16/2016	Common Stock	4,4
Incentive Stock Option (right to buy)	\$ 9.04	09/10/2012		M(1)	1,251	(2)	09/06/2016	Common Stock	1,2
Non-Qualified Stock Option (right to buy)	\$ 9.04	09/10/2012		M(1)	14,104	(2)	09/06/2016	Common Stock	14,

Reporting Owners

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

Signatures

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

**Signature of Reporting Person Date

Reporting Owners 2

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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. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.