MYRIAD GENETICS INC
Form 4
February 11, 2009

FORM 4

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

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

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	2. Issuer Name **and** Ticker or Trading Symbol **MYRIAD GENETICS INC [MYGN]**	5. Relationship of Reporting Person(s) to Issuer
(Last) (First) (Middle) 320 WAKARA WAY	3. Date of Earliest Transaction (Month/Day/Year) 02/09/2009	(Check all applicable) _____ Director _____ 10% Owner __X__ Officer (give title _____ Other (specify below) below) Chief Operating Officer, MGL
(Street) SALT LAKE CITY, UT 84108	4. If Amendment, Date Original Filed(Month/Day/Year)	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)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	02/09/2009		S		6,081	D	$ 85.3989	3,000	D	
Common Stock	02/09/2009		M		9,062	A	$ 25.57	12,062	D	
Common Stock	02/09/2009		S		9,062	D	$ 85.3989	3,000	D	
Common Stock	02/09/2009		M		6,750	A	$ 34.43	9,750	D	
Common Stock	02/09/2009		S		6,750	D	$ 85.3989	3,000	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 Underlying Securities (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)	$ 25.57	02/09/2009		M		9,062			(1)	09/06/2016	Common Stock	9,06
Non-Qualified Stock Option (right to buy)	$ 34.43	02/09/2009		M		6,750			(1)	02/21/2017	Common Stock	6,75

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

02/11/2009

**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) 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.

Explanation of Responses: 3