#### **MYRIAD GENETICS INC**

Form 4

August 09, 2007

## FORM 4

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005
Estimated average

0.5

**OMB APPROVAL** 

Form 4 or Form 5 obligations may continue.

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

response...

burden hours per

See Instruction 1(b).

1(0).

(Print or Type Responses)

1. Name and Address of Reporting Person * Capone Mark Christopher			2. Issuer Name <b>and</b> Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
			MYRIAD GENETICS INC [MYGN]	(Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	•		
			(Month/Day/Year)	Director 10% Owner		
320 WAKARA WAY			08/07/2007	_X_ Officer (give title Other (specify below)		
				Chief Operating Officer, MGL		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)	Applicable Line)		
SALT LAKE CITY, UT 84108				_X_ Form filed by One Reporting Person Form filed by More than One Reporting		
571L1 LINE CIT 1, 01 04100				Person		

# (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 6. 7. Nature

							, <b>F</b>	-,	-,
1.Title of Security (Instr. 3)	2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if any (Month/Day/Year)		3. Transaction Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
Common Stock	08/07/2007		M(1)	100	A	\$ 15.28	6,181	D	
Common Stock	08/07/2007		S <u>(1)</u>	100	D	\$ 43.03	6,081	D	
Common Stock	08/07/2007		M(1)	200	A	\$ 15.28	6,281	D	
Common Stock	08/07/2007		S <u>(1)</u>	200	D	\$ 43.01	6,081	D	
Common Stock	08/07/2007		M <u>(1)</u>	4,073	A	\$ 15.28	10,154	D	

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Common Stock	08/07/2007	S(1)	4,073	D	\$ 43	6,081	D
Common Stock	08/07/2007	M <u>(1)</u>	200	A	\$ 15.28	6,281	D
Common Stock	08/07/2007	S <u>(1)</u>	200	D	\$ 43.07	6,081	D
Common Stock	08/07/2007	M(1)	100	A	\$ 15.28	6,181	D
Common Stock	08/07/2007	S <u>(1)</u>	100	D	\$ 43.06	6,081	D
Common Stock	08/07/2007	M(1)	100	A	\$ 15.28	6,181	D
Common Stock	08/07/2007	S <u>(1)</u>	100	D	\$ 43.04	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. Transactio Code (Instr. 8)	5. Number proof 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 Amou Underlying Securi (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amo or Num of Shar
Non-Qualified Stock Option (right to buy)	\$ 15.28	08/07/2007		M <u>(1)</u>	100	04/14/2005	10/04/2012	Common Stock	10
Non-Qualified Stock Option (right to buy)	\$ 15.28	08/07/2007		M <u>(1)</u>	200	04/14/2005	10/04/2012	Common Stock	20
Non-Qualified Stock Option (right to buy)	\$ 15.28	08/07/2007		M(1)	4,073	04/14/2005	10/04/2012	Common Stock	4,0

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Non-Qualified Stock Option (right to buy)	\$ 15.28	08/07/2007	M(1)	200	04/14/2005	10/04/2012	Common Stock	20
Non-Qualified Stock Option (right to buy)	\$ 15.28	08/07/2007	M(1)	100	04/14/2005	10/04/2012	Common Stock	10
Non-Qualified Stock Option (right to buy)	\$ 15.28	08/07/2007	M <u>(1)</u>	100	04/14/2005	10/04/2012	Common Stock	10

## **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 M. Marsh For: Mark C.
Capone

08/09/2007

\*\*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.

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.

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