

MYRIAD GENETICS INC  
Form 4  
September 14, 2007

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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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 \*  
MOYES JAY M

(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)  
09/12/2007

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)  
Chief Financial Officer

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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount (A) or (D) Price		
Common Stock	09/12/2007		M		5,000 A \$ 4.781	30,282	D
Common Stock	09/12/2007		S		5,000 D \$ 47.2319	25,282	D
Common Stock	09/12/2007		M		2,897 A \$ 9.3125	28,179	D
Common Stock	09/12/2007		S		2,897 D \$ 47.2393	25,282	D
Common Stock	09/12/2007		M		2,500 A \$ 9.3125	27,782	D

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Common Stock	09/12/2007	S	2,500	D	\$ 47.2114	25,282	D
Common Stock	09/12/2007	M	602	A	\$ 9.3125	25,884	D
Common Stock	09/12/2007	S	602	D	\$ 47	25,282	D
Common Stock	09/12/2007	M	1,898	A	\$ 4.6875	27,180	D
Common Stock	09/12/2007	S	1,898	D	\$ 47	25,282	D
Common Stock	09/12/2007	M	2,100	A	\$ 4.6875	27,382	D
Common Stock	09/12/2007	S	2,100	D	\$ 47.2156	25,282	D
Common Stock	09/12/2007	M	400	A	\$ 4.781	25,682	D
Common Stock	09/12/2007	S	400	D	\$ 47.2156	25,282	D
Common Stock	09/12/2007	M	5,000	A	\$ 4.781	30,282	D
Common Stock	09/12/2007	S	5,000	D	\$ 47.2	25,282	D
Common Stock	09/13/2007	M	200	A	\$ 10.74	25,482	D
Common Stock	09/13/2007	S	200	D	\$ 47.03	25,282	D
Common Stock	09/13/2007	M	1,500	A	\$ 10.74	26,782	D
Common Stock	09/13/2007	S	1,500	D	\$ 47.65	25,282	D
Common Stock	09/13/2007	M	500	A	\$ 10.74	25,782	D
Common Stock	09/13/2007	S	500	D	\$ 47.63	25,282	D
Common Stock	09/13/2007	M	600	A	\$ 10.74	25,882	D
Common Stock	09/13/2007	S	600	D	\$ 47.06	25,282	D
Common Stock	09/13/2007	M	500	A	\$ 10.74	25,782	D
	09/13/2007	S	500	D	\$ 47.57	25,282	D

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Common Stock								
Common Stock	09/13/2007		M	500	A	\$ 10.74	25,782	D
Common Stock	09/13/2007		S	500	D	\$ 47.56	25,282	D
Common Stock	09/13/2007		M	700	A	\$ 10.74	25,982	D
Common Stock	09/13/2007		S	700	D	\$ 47.07	25,282	D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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**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 Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Beneficially (Instr. 5)
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MOYES JAY M 320 WAKARA WAY SALT LAKE CITY, UT 84108			Chief Financial Officer	

## Signatures

By: Richard M. Marsh For: Jay M. Moyes  
09/14/2007

\_\_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).

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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