

MYRIAD GENETICS INC  
Form 4  
October 16, 2007

**FORM 4**

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

OMB APPROVAL

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**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)  
10/15/2007

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	10/15/2007		M <sup>(1)</sup>		344	A	\$ 12.54
Common Stock	10/15/2007		S <sup>(1)</sup>		344	D	\$ 55.66
Common Stock	10/15/2007		M <sup>(1)</sup>		172	A	\$ 12.54
Common Stock	10/15/2007		S <sup>(1)</sup>		172	D	\$ 55.7
Common Stock	10/15/2007		M <sup>(1)</sup>		4,527	A	\$ 12.54
							25,626
							25,282
							25,454
							25,282
							29,809

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Common Stock	10/15/2007	<u>S</u> <sup>(1)</sup>	4,527	D	\$ 55	25,282	D
Common Stock	10/15/2007	<u>M</u> <sup>(1)</sup>	1,000	A	\$ 12.54	26,282	D
Common Stock	10/15/2007	<u>S</u> <sup>(1)</sup>	1,000	D	\$ 55.03	25,282	D
Common Stock	10/15/2007	<u>M</u> <sup>(1)</sup>	600	A	\$ 12.54	25,882	D
Common Stock	10/15/2007	<u>S</u> <sup>(1)</sup>	600	D	\$ 55.04	25,282	D
Common Stock	10/15/2007	<u>M</u> <sup>(1)</sup>	200	A	\$ 12.54	25,482	D
Common Stock	10/15/2007	<u>S</u> <sup>(1)</sup>	200	D	\$ 55.05	25,282	D
Common Stock	10/15/2007	<u>M</u> <sup>(1)</sup>	200	A	\$ 12.54	25,482	D
Common Stock	10/15/2007	<u>S</u> <sup>(1)</sup>	200	D	\$ 55.06	25,282	D
Common Stock	10/15/2007	<u>M</u> <sup>(1)</sup>	200	A	\$ 12.54	25,482	D
Common Stock	10/15/2007	<u>S</u> <sup>(1)</sup>	200	D	\$ 55.07	25,282	D
Common Stock	10/15/2007	<u>M</u> <sup>(1)</sup>	200	A	\$ 12.54	25,482	D
Common Stock	10/15/2007	<u>S</u> <sup>(1)</sup>	200	D	\$ 55.23	25,282	D
Common Stock	10/15/2007	<u>M</u> <sup>(1)</sup>	1,865	A	\$ 12.54	27,147	D
Common Stock	10/15/2007	<u>S</u> <sup>(1)</sup>	1,865	D	\$ 55.25	25,282	D
Common Stock	10/15/2007	<u>M</u> <sup>(1)</sup>	573	A	\$ 12.54	25,855	D
Common Stock	10/15/2007	<u>S</u> <sup>(1)</sup>	573	D	\$ 55.26	25,282	D
Common Stock	10/15/2007	<u>M</u> <sup>(1)</sup>	100	A	\$ 12.54	25,382	D
Common Stock	10/15/2007	<u>S</u> <sup>(1)</sup>	100	D	\$ 55.29	25,282	D
Common Stock	10/15/2007	<u>M</u> <sup>(1)</sup>	55	A	\$ 12.54	25,337	D
	10/15/2007	<u>S</u> <sup>(1)</sup>	55	D		25,282	D

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Common Stock	\$					
	55.32					
Common Stock		200		I		Custodial 1 (2)
Common Stock		200		I		Custodial 2 (3)

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 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	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007		M <sup>(1)</sup>	1,118	04/14/2005 09/09/2013	Common Stock	1,118	
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007		M <sup>(1)</sup>	86	04/14/2005 09/09/2013	Common Stock	86	
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007		M <sup>(1)</sup>	2,322	04/14/2005 09/09/2013	Common Stock	2,322	
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007		M <sup>(1)</sup>	602	04/14/2005 09/09/2013	Common Stock	602	
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007		M <sup>(1)</sup>	344	04/14/2005 09/09/2013	Common Stock	344	
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007		M <sup>(1)</sup>	258	04/14/2005 09/09/2013	Common Stock	258	

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Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	<u>M</u> <sup>(1)</sup>	860	04/14/2005	09/09/2013	Common Stock	860
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	<u>M</u> <sup>(1)</sup>	168	04/14/2005	09/09/2013	Common Stock	168
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	<u>M</u> <sup>(1)</sup>	770	04/14/2005	09/09/2013	Common Stock	770
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	<u>M</u> <sup>(1)</sup>	86	04/14/2005	09/09/2013	Common Stock	86
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	<u>M</u> <sup>(1)</sup>	516	04/14/2005	09/09/2013	Common Stock	516
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	<u>M</u> <sup>(1)</sup>	344	04/14/2005	09/09/2013	Common Stock	344
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	<u>M</u> <sup>(1)</sup>	15	04/14/2005	09/09/2013	Common Stock	15
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	<u>M</u> <sup>(1)</sup>	688	04/14/2005	09/09/2013	Common Stock	688
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	<u>M</u> <sup>(1)</sup>	833	04/14/2005	09/09/2013	Common Stock	833
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	<u>M</u> <sup>(1)</sup>	172	04/14/2005	09/09/2013	Common Stock	172
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	<u>M</u> <sup>(1)</sup>	101	04/14/2005	09/09/2013	Common Stock	101
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	<u>M</u> <sup>(1)</sup>	789	04/14/2005	09/09/2013	Common Stock	789
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	<u>M</u> <sup>(1)</sup>	1,016	04/14/2005	09/09/2013	Common Stock	1,016
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	<u>M</u> <sup>(1)</sup>	344	04/14/2005	09/09/2013	Common Stock	344
Non-Qualified Stock Option	\$ 12.54	10/15/2007	<u>M</u> <sup>(1)</sup>	258	04/14/2005	09/09/2013	Common Stock	258

(right to buy)									
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M <sup>(1)</sup>	430	04/14/2005	09/09/2013	Common Stock	43	
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M <sup>(1)</sup>	2,838	04/14/2005	09/09/2013	Common Stock	2,838	
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M <sup>(1)</sup>	863	04/14/2005	09/09/2013	Common Stock	863	
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M <sup>(1)</sup>	774	04/14/2005	09/09/2013	Common Stock	774	
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M <sup>(1)</sup>	475	04/14/2005	09/09/2013	Common Stock	475	
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M <sup>(1)</sup>	344	04/14/2005	09/09/2013	Common Stock	344	
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M <sup>(1)</sup>	172	04/14/2005	09/09/2013	Common Stock	172	
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M <sup>(1)</sup>	602	04/14/2005	09/09/2013	Common Stock	602	
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M <sup>(1)</sup>	688	04/14/2005	09/09/2013	Common Stock	688	

## 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  
10/16/2007

\*\*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.
- (2) Jay Moyes C/F Alex Moyes
- (3) Jay M. Moyes C/F Kelsey Moyes.

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.