

MYRIAD GENETICS INC  
Form 4  
May 12, 2011

**FORM 4**

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

OMB APPROVAL

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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 \*  
Harrison Robert Gardner

(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)  
05/09/2011

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 Information 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	05/09/2011		M		9,780 A \$ 21.12	14,454	D
Common Stock	05/09/2011		S		9,780 D \$ 22.8399	4,674	D
Common Stock	05/09/2011		M		2,874 A \$ 21.12	7,548	D
Common Stock	05/09/2011		S		2,874 D \$ 22.8399	4,674	D
Common Stock	05/09/2011		M		3,346 A \$ 21.12	8,020	D

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Common Stock	05/09/2011	S	3,346	D	\$ 22.8399	4,674	D
Common Stock	05/11/2011	M	4,000	A	\$ 23.53	8,674	D
Common Stock	05/11/2011	S	4,000	D	\$ 24.0588	4,674	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 of Underlying Securities (Instr. 3 and 4)	Amount or Number of Shares	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Incentive Stock Option (right to buy)	\$ 21.12	05/09/2011		M	9,780	<u>(1)</u> 05/21/2011	Common Stock	9,780	
Non-Qualified Stock Option (right to buy)	\$ 21.12	05/09/2011		M	2,874	<u>(1)</u> 05/21/2011	Common Stock	2,874	
Non-Qualified Stock Option (right to buy)	\$ 21.12	05/09/2011		M	3,346	<u>(1)</u> 05/21/2011	Common Stock	3,346	
Non-Qualified Stock Option (right to buy)	\$ 23.53	05/11/2011		M	4,000	<u>(1)</u> 05/23/2011	Common Stock	4,000	

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other

Harrison Robert Gardner  
320 WAKARA WAY  
SALT LAKE CITY, UT 84108

Chief Information Officer

## Signatures

By: Richard Marsh For: Robert G.  
Harrison

05/11/2011

\_\_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.

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