

MYRIAD GENETICS INC
 Form 4
 February 05, 2009

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)
 02/03/2009

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

___ Director ___ 10% Owner
 ___X___ Officer (give title below) ___ Other (specify below)

Chief Information Officer

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 Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	02/03/2009		M ⁽¹⁾		2,000	A	\$ 12.53
Common Stock	02/03/2009		S ⁽¹⁾		2,000	D	\$ 80 810
Common Stock	02/03/2009		M ⁽¹⁾		200	A	\$ 12.53 1,010
Common Stock	02/03/2009		S ⁽¹⁾		200	D	\$ 85 810
Common Stock	02/03/2009		M ⁽¹⁾		1,800	A	\$ 16.97 2,610

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Common Stock 02/03/2009 S⁽¹⁾ 1,800 D \$ 85 810 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 (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)	Amount or Number of Shares
Non-Qualified Stock Option (right to buy)	\$ 12.53	02/03/2009		M ⁽¹⁾	2,000	(⁽²⁾) 09/04/2013	Common Stock	2,000
Non-Qualified Stock Option (right to buy)	\$ 12.53	02/03/2009		M ⁽¹⁾	200	(⁽²⁾) 09/04/2013	Common Stock	200
Non-Qualified Stock Option (right to buy)	\$ 16.97	02/03/2009		M ⁽¹⁾	1,800	(⁽²⁾) 02/19/2014	Common Stock	1,800

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 Gardner Harrison 02/05/2009

 **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) This transaction was effected pursuant to a Rule 10b5-1 trading plan.
- (2) 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.