MYRIAD GENETICS INC

Form 4

October 15, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

3235-0287 Number:

January 31, Expires: 2005

Estimated average burden hours per

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Check this box if no longer subject to Section 16. 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 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *Laslie W Wayne			2. Issuer Name and Ticker or Trading Symbol MYRIAD GENETICS INC [MYGN]	5. Relationship of Reporting Person(s) to Issuer		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
320 WAKARA WAY			(Month/Day/Year) 10/11/2007	Director 10% OwnerX Officer (give title Other (specify below) Chief Operating Officer, MPI		
(Street)			4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Chec Applicable Line)		
SALT LAKE CITY, UT 84108				_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Tab	le I - Non-	Derivative Securi	ities Acquir	ed, Disposed of,	or Beneficially	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securities Acquor Disposed of (I (Instr. 3, 4 and 5) (A) or Amount (D)	D)	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)
Common Stock	10/11/2007		M(1)	10,000 A	\$ 19.5	13,067	D	
Common Stock	10/11/2007		S <u>(1)</u>	10,000 D	\$ 57.2631	3,067	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 onDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amo Underlying Secur (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	An or Nu of S
Non-Qualified Stock Option (right to buy)	\$ 19.5	10/11/2007		M <u>(1)</u>	10,000	04/14/2005	11/11/2014	Common Stock	10

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Laslie W Wayne Chief
320 WAKARA WAY Operating
SALT LAKE CITY, UT 84108 Officer, MPI

Signatures

By: Richard M. Marsh For: W. Wayne
Laslie
10/11/2007

**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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