MYRIAD GENETICS INC

Form 4

November 06, 2007

FORM 4

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

OMB Number:

3235-0287 January 31,

0.5

if no longer subject to

Check this box

Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Expires: 2005 Estimated average burden hours per

OMB APPROVAL

response...

Form 4 or Form 5 obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * GILBERT WALTER PHD			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
			MYRIAD GENETICS INC [MYGN]	(Check all applicable)		
(Last) (First) (Middle)		(Middle)	3. Date of Earliest Transaction			
			(Month/Day/Year)	X Director 10% Owner		
320 WAKARA WAY			11/05/2007	Officer (give title below) Other (specify below)		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person		
SALT LAKE CITY, UT 84108				Form filed by More than One Reporting		

SALI LAKE CITY, UT 8410	LAKE CITY, UT 8410	E CITY, UT 8410	KE	LA	LT	SA	
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(City)	(State)	(Zip) Tabl	e I - Non-D	Derivative (Securi	ties Acqu	iired, Disposed of	, or Beneficial	ly 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)	6. 7. Natur Ownership Indirect Form: Direct Benefic (D) or Ownersl Indirect (I) (Instr. 4)	
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common Stock	11/05/2007		M	5,000	A	\$ 21.49	5,000	D	
Common Stock	11/05/2007		S	5,000	D	\$ 53.15	0	D	
Common Stock	11/05/2007		M	73	A	\$ 19.5	73	D	
Common Stock	11/05/2007		S	73	D	\$ 53.02	0	D	
Common Stock	11/05/2007		M	14,927	A	\$ 19.5	14,927	D	
	11/05/2007		S	14,927	D	\$ 53	0	D	

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Common Stock							
Common Stock	11/05/2007	M	200	A	\$ 17.86	200	D
Common Stock	11/05/2007	S	200	D	\$ 52.61	0	D
Common Stock	11/05/2007	M	300	A	\$ 17.86	300	D
Common Stock	11/05/2007	S	300	D	\$ 52.63	0	D
Common Stock	11/05/2007	M	1,800	A	\$ 17.86	1,800	D
Common Stock	11/05/2007	S	1,800	D	\$ 52.65	0	D
Common Stock	11/05/2007	M	400	A	\$ 17.86	400	D
Common Stock	11/05/2007	S	400	D	\$ 52.66	0	D
Common Stock	11/05/2007	M	1,100	A	\$ 17.86	1,100	D
Common Stock	11/05/2007	S	1,100	D	\$ 52.67	0	D
Common Stock	11/05/2007	M	300	A	\$ 17.86	300	D
Common Stock	11/05/2007	S	300	D	\$ 52.68	0	D
Common Stock	11/05/2007	M	3,458	A	\$ 17.86	3,458	D
Common Stock	11/05/2007	S	3,458	D	\$ 52.7	0	D
Common Stock	11/05/2007	M	400	A	\$ 17.86	400	D
Common Stock	11/05/2007	S	400	D	\$ 52.71	0	D
Common Stock	11/05/2007	M	800	A	\$ 17.86	800	D
Common Stock	11/05/2007	S	800	D	\$ 52.72	0	D
Common Stock	11/05/2007	M	200	A	\$ 17.86	200	D
	11/05/2007	S	200	D		0	D

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Common Stock					\$ 52.73		
Common Stock	11/05/2007	M	200	A	\$ 17.86	200	D
Common Stock	11/05/2007	S	200	D	\$ 52.74	0	D
Common Stock	11/05/2007	M	804	A	\$ 17.86	804	D
Common Stock	11/05/2007	S	804	D	\$ 52.75	0	D

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)	4. Transactic Code (Instr. 8)	5. DiNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3,		ate	Secur	unt of rlying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships							
1	Director	10% Owner	Officer	Other				
GILBERT WALTER PHD 320 WAKARA WAY SALT LAKE CITY, UT 84108	X							
A ! .								

Signatures

By: Richard M. Marsh For: Walter Gilbert 11/06/2007

Reporting Owners 3

**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. 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.

Signatures 4