MYRIAD GENETICS INC

Form 4

February 22, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

OMB APPROVAL

3235-0287

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if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

Check this box

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 *

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

Director

320 WAKARA WAY

HOBDEN ADRIAN N

MYRIAD GENETICS INC [MYGN]

(Check all applicable)

(Last)

1. Title of

Security

(Instr. 3)

(First)

(Middle)

3. Date of Earliest Transaction

10% Owner

02/21/2007

(Month/Day/Year)

X_ Officer (give title Other (specify below)

6. Individual or Joint/Group Filing(Check

below)

Pres. Myriad Pharmaceuticals

(Street) 4. If Amendment, Date Original

Filed(Month/Day/Year) Applicable Line)

(A)

X Form filed by One Reporting Person Form filed by More than One Reporting

(T)

(Instr. 4)

Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

SALT LAKE CITY, UT 84108

(City) (State) (Zip)

(Month/Day/Year)

2. Transaction Date 2A. Deemed

3. 4. Securities Execution Date, if TransactionAcquired (A) or

5. Amount of Securities Beneficially

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial

Ownership

(9-02)

(Instr. 4)

(Month/Day/Year)

Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

Following Reported

Transaction(s) (Instr. 3 and 4) Code V Amount (D) Price

Owned

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of 3. Transaction Date 3A. Deemed 4. 5. Number of 6. Date Exercisable and 7. Title and Amour Derivative Conversion (Month/Day/Year) Execution Date, if **Transaction**Derivative **Expiration Date Underlying Securit** Securities Security or Exercise Code (Month/Day/Year) (Instr. 3 and 4) any

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr. 8)	or Disposed (D) (Instr. 3, 4, and 5)	<i>'</i>			
				Code V	/ (A) (D) Date Exercisable	Expiration Date	Title	Amo or Num of Sh
Incentive Stock Option (right to buy)	\$ 34.43	02/21/2007		A	2,904	<u>(1)</u>	02/21/2017	Common Stock	2,9
Non-Qualified Stock Option (right to buy)	\$ 34.43	02/21/2007		A	31,096	<u>(1)</u>	02/21/2017	Common Stock	31,0

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

HOBDEN ADRIAN N 320 WAKARA WAY SALT LAKE CITY, UT 84108

Pres. Myriad Pharmaceuticals

Signatures

By: Richard M. Marsh For: Adrian N. Hobden

02/22/2007

**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).
- 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.

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