

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934
(Amendment No.)*

Myriad Genetics, Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

62855J104

(CUSIP Number)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

1. Name of Reporting Person
S.S. or I.R.S. Identification No. of Above Person
UBS Asset Management (New York) Inc.
Tax ID: 13-2725861

2. Check the Appropriate Box if a Member of a Group

a. []
b. []

3. SEC Use Only

4. Citizenship or Place of Organization
New York

5. Sole Voting Power:

Number of
Shares
Beneficially
Owned by
Each
Reporting
Person
With

-0-

6. Shared Voting Power:

-0-

7. Sole Dispositive Power:

650,000

8. Shared Dispositive Power:

-0-

9. Aggregate Amount Beneficially Owned by Each Reporting Person
650,000

10. Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares

11. Percent of Class Represented by Amount in Row (9)
7.02%

12. Type of Reporting Person
IA

CUSIP Number: 62855J104

1. Name of Reporting Person
S.S. or I.R.S. Identification No. of Above Person
UBS (Lux) Equity Invest-Biotech, a subfund of UBS (Lux)
Equity Invest

2. Check the Appropriate Box if a Member of a Group

a. []
b. []

3. SEC Use Only

4. Citizenship or Place of Organization
Luxembourg

5. Sole Voting Power:

650,000

Number of
Shares
Beneficially
Owned by
Each
Reporting
Person
With

6. Shared Voting Power:

-0-

7. Sole Dispositive Power:

-0-

8. Shared Dispositive Power:

-0-

9. Aggregate Amount Beneficially Owned by Each Reporting Person
650,000

10. Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares

11. Percent of Class Represented by Amount in Row (9)
7.02%

12. Type of Reporting Person
00

- Item 1 (a) Name of Issuer: Myriad Genetics, Inc. (the "Company")
- (b) Address of Issuer's Principal Executive Offices:
320 Wakara Way
Salt Lake City, Utah 84108

- Item 2 (a) - (c) Name, Principal Business Address, and Citizenship of
Persons Filing:

UBS Asset Management (New York) Inc.
1345 Avenue of the Americas
New York, New York 10105

UBS (Lux) Equity Invest-Biotech, a subfund of UBS (Lux) Equity Invest
c/o INTRAG International
Equity Invest (Company for Fund Management) S.A.
Luxembourg

(d) Title of Class of Securities: Common Stock

(e) CUSIP Number: 62855J104

- Item 3. This statement is filed pursuant to Rule 13d-1(b)(1) and 13d-1(b)(2).

UBS Asset Management (New York) Inc. is an investment adviser
registered under Section 203 of the Investment Advisers Act of 1940.

UBS (Lux) Equity Invest-Biotech, a subfund of UBS (Lux) Equity Invest
is an investment fund organized under Luxembourg law.

Item 4. Ownership.

UBS Asset Management (New York) Inc. and UBS (Lux) Equity Invest-Biotech, a subfund of UBS (Lux) Equity Invest beneficially own 650,000 shares of the Company's Common Stock (representing approximately 7.02% of the outstanding shares of such Common Stock). UBS Asset Management (New York) Inc. possesses the power to dispose of and direct the disposition of all 650,000 shares. UBS (Lux) Equity Invest-Biotech, a subfund of UBS (Lux) Equity Invest possesses the power to vote or direct the vote of all 650,000 shares. The holdings are as of December 31, 1997.

Item 5. Ownership of Five Percent or Less of a Class.
Not Applicable.

Item 6. Ownership of More than Five Percent on Behalf of Another Person.
See Item 4.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported by the Parent Holding Company.
Not Applicable.

Item 8. Identification and Classification of Members of the Group.
Not Applicable.

Item 9. Notice of Dissolution of the Group.
Not Applicable.

Item 10. By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such purpose or effect.

