MYRIAD GENETICS INC Form SC 13G January 23, 2013

# 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, Par Value \$0.01 per share

(Title of Class of Securities)

62855J104

(CUSIP Number)

12/31/2012

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

x Rule 13d-1(b)

"Rule 13d-1(c)

" Rule 13d-1(d)

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

<sup>\*</sup> 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).

CUSIP No.: 62855J104

1.	Names of Reporting Persons:		
	Manning & Napier Advisors, LLC		
	I.R.S. Identification Nos. of above persons (entities only):		
2.	45-3240790 Check the Appropriate Box if a Member of a Group (See Instructions):		
3.	(a) " (b) " SEC Use Only:		
4.	4. Citizenship or Place of Organization:		
	New York 5. Sole Voting Power:		
S	mber of 3,357,000 hares 6. Shared Voting Power:		
	7. Sole Dispositive Power:		
P	porting erson 4,218,986 8. Shared Dispositive Power: Vith:		
9.	-()- Aggregate Amount Beneficially Owned by Each Reporting Person:		

4,218,986

- 10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions):
- 11. Percent of Class Represented by Amount in Row (9):

5.15%

12. Type of Reporting Person (See Instructions):

IA

Item 1(a): Name of Issuer: Myriad Genetics, Inc. Item 1(b): Address of Issuer s Principal Executive Offices: 320 Wakara Way Salt Lake City, UT 84108 Item 2(a): Name of Person Filing: Manning & Napier Advisors, LLC Item 2(b): Address of Principal Business Office, or, if none, Residence: 290 Woodcliff Drive Fairport, NY 14450 Item 2(c): Citizenship: New York Item 2(d): Title of Class of Securities: Common Stock, Par Value \$0.01 per share Item 2(e): CUSIP Number: 62855J104 Item 3: If this statement is filed pursuant to 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a: (e) x An Investment Adviser in accordance with 240.13d-1(b)(1)(ii)(E); Item 4: Ownership: Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1. (a) Amount Beneficially Owned: 4,218,986 (b) Percent of Class: 5.15% (c) Number of shares as to which such person has: Sole power to vote or to direct the vote: 3,357,000 (i) (ii) Shared power to vote or to direct the vote: -0-(iii) Sole power to dispose or to direct the disposition of: 4,218,986 (iv) Shared power to dispose or to direct the disposition of: -0-Item 5: Ownership of Five Percent or Less of a Class:

No

Item 6: Ownership of More than Five Percent on Behalf of Another Person:

Not applicable

Item 7: Identification and Classification of the Subsidiary Which Acquired the Securi	ty Being Reported on 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 a Group:		
Not applicable		
Item 10: Certification:		
By signing below, I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose of effect.		
Signature:		
After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.		
	1/23/2013 Date	
	Signature	
	/s/ Michelle Thomas	

Michelle Thomas, Corporate Secretary

Name/Title