GenMark Diagnostics, Inc. Form SC 13G/A January 18, 2017

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 20549

SCHEDULE 13G/A

(Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1(b), (c), AND (d) AND AMENDMENTS THERE TO FILED PURSUANT TO RULE 13d-2(b)

(AMENDMENT 3)

GenMark Diagnostics, Inc.

(NAME OF ISSUER)

Common Stock, par value \$0.0001 per share

(Title of Class of Securities)

372309104

(CUSIP Number)

December 30, 2016

(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)		
	P No. 13G/A 09104	Page 1 of 3 pages		
1.	Names of reporting persons JPMorgan Charl.R.S. IDENTIFICATION NO. OF ABOVE PER			
	(ENTITIES ONLY)	13-2024-20		
2.	CHECK THE APPROPRIATE BOX IF A MEM GROUP*	MBER OF A (a)		
		(b)		
3.	SEC USE ONLY			
4.	CITIZENSHIP OR PLACE OF ORGANIZ	ZATION		
	Delaware			
NU	MBER OF 5. SOLE VOTIN	G POWER 3,084,377		

5	SHARES						
BEN	EFICIALLY	6.	SHARED VOTING POWER	0			
OWNED BY							
	EACH	7.	SOLE DISPOSITIVE POWER	3,323,110			
RE	EPORTING						
PER	SON WITH	8.	SHARED DISPOSITIVE POWER	0			
9.	9 . AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON						
	3,323,110						
10.	CHECK BOX IF TO EXCLUDES CERTAIN SHARE		REGATE AMOUNT IN ROW (9)				
11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 7.1%							
12.	TYPE OF REF	ORTING	PERSON*	НС			
	Item 1(a).	Name o	of Issuer:				

GenMark Diagnostics, Inc.

Address of Issuer's Principal Executive Offices: Item 1(b). 5964 La Place Court Carlsbad, California 92008-8829 Name of Person Filing: Item 2(a). JPMorgan Chase & Co. Address of Principal Business Office or, if None, Residence: Item 2(b). 270 PARK AVE NEW YORK, NY 10017 Citizenship Item 2(c). Delaware Title of Class of Securities: Item 2(d).

Common Stock, par value \$0.0001 per share					
Unless otherwise noted, security being reported is common stock					
Item	CUSIP Number:				
2 (e) .					
372309104					
Item 3 If this Statement is Filed	Pursuant to Rule 13d-1(b), or 13d-2(b)				
Or (c), Check Whether the Person Filing is a:					
	(a)				
	(a)				
Broker or dealer registered under Section 15 of the Excha	ange Act;				
	(b)				
Bank as defined in Section 3(a)(6) of the Exchange Act;					
	(c)				
Insurance company as defined in Section 3(a)(19) of the					
Exchange Act;					
Exchange Act,					
	(d)				
Investment company registered under Section 8 of the In	vestment				

Company Act;	
I was a second of the second o	
(e)	
An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);	
(f)	
An employee benefit plan or endowment fund in accordance with	
Rule 13d-1(b)(1)(ii)(F);	
(g)	
X	
A parent holding company or control person in accordance with	
Rule 13d-1(b)(1)(ii)(G);	
(h)	
A savings association as defined in Section 3(b) of the Federal	

Deposit Insurance Act;
(i) A church plan that is excluded from the definition of an
Investment company under Section 3(c)(14) of the Investment
Company act;
(j) Group, in accordance with Rule 13d-1(b)(1)(ii)(J).
If this statement is filed pursuant to X Rule 13d-1(b), check this box.
Page 2 of 3 pages
Item Ownership

Provide the following information regarding the aggregate number and

4.

Percentage of the class of securities of issuer identified in Item 1.

(a) Amount beneficially owned:

3,323,110

Including

O shares where there is a Right to Acquire.

(b) Percent of class:

7.1%

(c) Number of shares as to which such person has:

(i)	Sole power to vote or to direct the	3,084,377	
	vote:		

Item 5. Ownership of Five Percent or Less of a Class. NOT APPLICABLE

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following.

()

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

JPMorgan Chase & Co. is the beneficial owner of

3,323,110 shares of the

issuer's common stock on behalf of other persons known to have one or more of the following:

the right to receive dividends for such securities;

the power to direct the receipt of dividends from such securities;

the right to receive the proceeds from the sale of such securities;

the right to direct the receipt of proceeds from the sale of such securities;

No such person is known to have an interest in more than 5% of the class

of securities reported herein unless such person is identified below.

Item 7. Identification and Classification of the Subsidiary Which Acquired the

Security being reported on by the Parent Holding Company.

This notice is filed on behalf of JPMorgan Chase & Co. and its wholly

owned Subsidiary (ies),

JPMorgan Chase Bank, National Association

J.P. Morgan Investment Management Inc.

JPMorgan Asset Management (UK) Limited

Item 8. Identification and Classification of Members of the Group.

Not Applicable

Item 9. Notice of Dissolution of Group.

Not Applicable

Item
10.

Certifications

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 or effect.

Page 3 of 3 pages

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.

Dated: January 18, 2017 JPMorgan Chase & Co.

By: /s/ Michael T. Lees

Michael T. Lees

Compliance

The original statement shall be signed by each person on whose behalf the statement

is filed or his authorized representative. If the statement is signed on behalf of a person by his authorized representative (other than an executive officer or general partner of the filing person), evidence of the representative's authority to sign on behalf of such person shall be filed with the statement, provided, however, that a power of attorney for this purpose which is already on file with the commission may be incorporated by reference. The name and any title of each person who signs the the statement shall be typed or printed beneath his signature.