GenMark Diagnostics, Inc. Form SC 13G/A February 16, 2016

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549
SCHEDULE 13G
Under the Securities Exchange Act of 1934
(Amendment No. 3)
GENMARK DIAGNOSTICS INC
(Name of Issuer)
Common
(Title of Class of Securities)
372309104
(CUSIP Number)
December 31, 2015
(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)

13G CUSIP 372309104 _____ 1. Name of reporting person S.S. or I.R.S. identification no. of above person Putnam Investments, LLC. d/b/a/ Putnam Investments 26-1080669 2. Check the appropriate box if a member of a group (a) () (b) () 3. SEC use only ______ 4. Citizenship or place of organization ______ Number of shares beneficially owned by each reporting person with: 5. Sole Voting Power 220,917 6. Shared Voting Power NONE 7. Sole Dispositive 6,013,182 8. Shared Dispositive NONE 9. Aggregate amount beneficially owned by each reporting person 6,013,182 10. Check box if the aggregate amount in row (9) excludes certain shares () 11. Percent of class represented by amount in row 9 -----12. Type of Reporting person -----

13G CUSIP 372309104 ______ Name of reporting person S.S. or I.R.S. identification no. of above person Putnam Investment Management, LLC. 04-3542621 _____ 2. Check the appropriate box if a member of a group $\ \ \,$ (a) (b) (b) 3. SEC use only ______ 4. Citizenship or place of organization Delaware ______ Number of shares beneficially owned by each reporting person with: 5. Sole Voting Power NONE 6. Shared Voting Power NONE 7. Sole Dispositive 5,792,265 8. Shared Dispositive NONE 9. Aggregate amount beneficially owned by each reporting person 5,792,265 10. Check box if the aggregate amount in row (9) excludes certain shares () 11. Percent of class represented by amount in row 9 -----12. Type of Reporting person ΙA -----

13G CUSIP 372309104 Name of reporting person S.S. or I.R.S. identification no. of above person The Putnam Advisory Company, LLC. 04-3543039 2. Check the appropriate box if a member of a group (a) () (b) () _____ 3. SEC use only ______ 4. Citizenship or place of organization _____ Number of shares beneficially owned by each reporting person with: 5. Sole Voting Power 220,917 6. Shared Voting Power NONE 7. Sole Dispositive 220,917 8. Shared Dispositive NONE 9. Aggregate amount beneficially owned by each reporting person 220,917 _____ 10. Check box if the aggregate amount in row (9) excludes certain 11. Percent of class represented by amount in row 9 ______ 12. Type of Reporting person ______

13G CUSIP 372309104 -----Name of reporting person S.S. or I.R.S. identification no. of above person Putnam Equity Spectrum Fund 26-4376696 2. Check the appropriate box if a member of a group $\ \ \,$ (a) (b) (b) 3. SEC use only ______ 4. Citizenship or place of organization Massachusetts Number of shares beneficially owned by each reporting person with: 5. Sole Voting Power 2,316,124 6. Shared Voting Power NONE 7. Sole Dispositive 2,316,124 8. Shared Dispositive NONE 9. Aggregate amount beneficially owned by each reporting person 2,316,124 10. Check box if the aggregate amount in row (9) excludes certain shares () 11. Percent of class represented by amount in row 9 ._____ 12. Type of Reporting person ΤV

13G CUSIP 372309104 1. Name of reporting person S.S. or I.R.S. identification no. of above person Putnam Capital Spectrum Fund 26-4376599 ______ 2. Check the appropriate box if a member of a group (a) () (b) () ______ 3. SEC use only ______ 4. Citizenship or place of organization Massachusetts ______ Number of shares beneficially owned by each reporting person with: 5. Sole Voting Power 2,250,000 6. Shared Voting Power NONE 7. Sole Dispositive 2,250,000 8. Shared Dispositive NONE 9. Aggregate amount beneficially owned by each reporting person 2,250,000 10. Check box if the aggregate amount in row (9) excludes certain shares () 11. Percent of class represented by amount in row 9 5.3% _____ 12. Type of Reporting person ______

Item 1(a) Name of Issuer: GENMARK DIAGNOSTICS INC Item 1(b) Address of Issuer's Principal Executive Offices: 5964 La Place Court Carlsbad, California 92008 ______ Item 2(a) Item 2(b) Name of Person Filing: Address or principal business office or, if none, residence: Putnam Investments, LLC d/b/a One Post Office Square Putnam Investments ("PI") Boston, Massachusetts 02109 on behalf of itself and: Putnam Investment Management One Post Office Square Management, LLC. ("PIM") Boston, Massachusetts 02109 The Putnam Advisory One Post Office Square Company, LLC. ("PAC") Boston, Massachusetts 02109 **Putnam Equity Spectrum Fund One Post Office Square **Putnam Capital Spectrum Fund Boston, Massachusetts 02109 Item 2(c) Citizenship: PI, PIM and PAC are limited liability companies organized under Delaware law. The citizenship of other persons identified in Item 2(a) is designated as follows: **Voluntary association known as Massachusetts business trust -Massachusetts law Item 2(d) Title of Class of Securities: _____ Item 2(e) Cusip Number: 372309104

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: (a)() Broker or dealer registered under section 15 of the Act (15 U.S.C. 780); (b)() Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c); (c)() Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c); (d)(X) Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8); (e) (X) An investment adviser in accordance with 240.13d-1(b)(1)(ii)(E); (f)() An employee benefit plan or endowment fund in accordance with 240.13d-1(b)(1)(ii)(F); (q) (X) A parent holding company or control person in accordance with 240.13d-1(b)(1)(ii)(G); (h)() A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813); (i) () A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3); (j)() A non-U.S. institution in accordance with 240.13d-1(b)(1)(ii)(J); (k) () Group, in accordance with 240.13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with 240.13d-1(b)(1)(ii)(J), please specify the type of institution: _

Item 4. Ownership

		PIM* +	PAC* =	PI**
(a)	Amount Beneficially Owned:	5,792,265	220,917	6,013,182
(b)	Percent of Class:	13.6%	0.5%	14.2%
(c)	Number of shares as to which the person has:			
(1)	Sole power to vote or to direct the vote; (but see Item 7)	NONE	220,917	220,917
(2)	Shared power to vote or to direct the vote; (but see Item 7)	NONE	NONE	NONE
(3)	Sole power to dispose or to direct the disposition of; (but see Item 7)	5,792,265	220,917	6,013,182
(4)	Shared power to dispose or to direct the disposition of; (but see Item 7)	NONE	NONE	NONE

^{*} Investment adviser subsidiary of PI

Note: as part of the Putnam Family of Funds, and the 5,792,265 shares held by PIM, the Putnam Equity Spectrum Fund held 2,316,124 shares, or 5.5% Note: as part of the Putnam Family of Funds, and the 5,792,265 shares held by PIM, the Putnam Capital Spectrum Fund held 2,250,000 shares, or 5.3%

^{**} Parent company to PIM and PAC

Item 5. Ownership of 5 Percent or Less of a Class

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 5 percent of the class of securities, check the following ()

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

Clients of or the persons filing this Schedule 13G have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, the securities reported on this Schedule 13G. Unless otherwise indicated by the persons filing this Schedule 13G, no person's interest relates to more than five percent of the class of securities. Securities reported on this Schedule 13G as being beneficially owned by PI consist of securities beneficially owned by subsidiaries of PI which are registered investment advisers, which in turn include securities beneficially owned by clients of such investment advisers, which clients may include investment companies registered under the Investment Company Act and/or employee benefit plans, pension funds, endowment funds or other institutional clients.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company

PI, wholly owns two registered investment advisers: Putnam Investment Management, LLC, which is the investment adviser to the Putnam family of mutual funds and the Putnam Advisory Company, LLC, which is the investment adviser to Putnam's institutional clients. Both subsidiaries have dispositive power over the shares as investment managers. In the case of shares held by the Putnam mutual funds managed by Putnam Investment Management, LLC, the mutual funds, through their boards of trustees, have voting power. Unless otherwise indicated, The Putnam Advisory Company, LLC has sole voting power over the shares held by its institutional clients.

Pursuant to Rule 13d-4, PI declares that the filing of this Schedule 13G shall not be deemed an admission for the purposes of Section 13(d) or 13(g) that it is the beneficial owner of any securities covered by this Schedule 13G,

and further states that it does not have any power to vote or dispose of, or direct the voting or disposition of, any of the securities covered by this Schedule 13G.

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

Not applicable.

Item 9. Notice of Dissolution of 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 or effect, other than activities solely in connection with a nomination under 240.14a-11.

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.

Putnam Investments, LLC

/s/ Harold P. Short Jr.
BY: -----Signature

Name/Title: Harold P. Short Jr.

Director, Trade Oversight Compliance and International Compliance

Date: February 16, 2016

For this and all future filings, reference is made to Power of Attorney dated February 15, 2011, with respect to duly authorized signatures on behalf of Putnam Investments LLC., Putnam Investment Management, LLC., The Putnam Advisory Company, LLC. and any Putnam Fund wherever applicable.

For this and all future filings, reference is made to an Agreement dated June 28, 1990, with respect to one filing of Schedule 13G on behalf of said entities, pursuant to Rule 13d-1(f)(1).