

Accelerate Diagnostics, Inc
 Form 4
 April 29, 2014

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
FEINBERG LARRY N

(Last) (First) (Middle)
 200 GREENWICH AVENUE
 (Street)
 GREENWICH, CT 06830
 (City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 Accelerate Diagnostics, Inc [AXDX]

3. Date of Earliest Transaction
 (Month/Day/Year)
 04/28/2014

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

___ Director ___X___ 10% Owner
 ___ Officer (give title below) ___ Other (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)
 ___X___ Form filed by One Reporting Person
 ___ Form filed by More than One Reporting Person

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
			Code	V	Amount	(A) or (D)	Price			
Common Stock, par value \$0.001 per share	04/28/2014		X		29,096	A	\$ 16.8	484,309	I	See footnote (1) (6)
Common Stock, par value \$0.001 per share	04/28/2014		X		3,835	A	\$ 16.8	63,836	I	See footnote (2) (6)
Common Stock, par	04/28/2014		X		703	A	\$ 16.8	11,703	I	See footnote

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value \$0.001 per share								(3) (6)
Common Stock, par value \$0.001 per share	04/28/2014	X	240,322	A	\$ 16.8	4,000,003	I	See footnote (4) (6)
Common Stock, par value \$0.001 per share	04/28/2014	X	29,886	A	\$ 16.8	497,440	I	See footnote (5) (6)
Common Stock, par value \$0.001 per share	04/28/2014	X	1,278	A	\$ 16.8	21,278	D	

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

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.

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount Underlying Security (Instr. 3 and 4)	8. Amount of Shares	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount of Shares
Subscription Rights (right to buy)	\$ 16.8	04/28/2014		X	29,096	03/14/2014	04/28/2014	Common Stock	29,096
Subscription Rights (right to buy)	\$ 16.8	04/28/2014		X	3,835	03/14/2014	04/28/2014	Common Stock	3,835
Subscription Rights (right to buy)	\$ 16.8	04/28/2014		X	703	03/14/2014	04/28/2014	Common Stock	703
	\$ 16.8	04/28/2014		X	240,322	03/14/2014	04/28/2014		240,322

Subscription Rights (right to buy)									Common Stock
Subscription Rights (right to buy)	\$ 16.8	04/28/2014	X	29,886	03/14/2014	04/28/2014			Common Stock
Subscription Rights (right to buy)	\$ 16.8	04/28/2014	X	1,278	03/14/2014	04/28/2014			Common Stock

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
FEINBERG LARRY N 200 GREENWICH AVENUE GREENWICH, CT 06830		X		

Signatures

/s/ Larry N. Feinberg
04/29/2014

**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).
- (1) These securities are owned by Oracle Ten Fund Master, L.P. ("Ten Fund").
- (2) These securities are owned by Oracle Investment Management, Inc. Employees' Retirement Plan ("Retirement Plan").
- (3) These securities are owned by The Feinberg Family Foundation ("Foundation").
- (4) These securities are owned by Oracle Partners, LP. ("Partners").
- (5) These securities are owned by Oracle Institutional Partners, L.P. ("Institutional Partners").
- (6) The Reporting Person serves as the managing member of Oracle Associates, LLC, the general partner of Partners and Institutional Partners, and accordingly, may be deemed to be the indirect beneficial owner of the shares beneficially owned by Partners and Institutional Partners. Mr. Feinberg is the sole shareholder, director and president of Oracle Investment Management, Inc., which serves as investment manager to Ten Fund and the Retirement Plan, and accordingly, may be deemed to be the beneficial owner of the shares beneficially owned by Ten Fund and the Retirement Plan. Mr. Feinberg is the trustee of the Foundation, and accordingly may be deemed to be the beneficial owner of the shares beneficially owned by the Foundation. Mr. Feinberg disclaims beneficial ownership of all such shares except to the extent of his pecuniary interest therein.

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.