

Accelerate Diagnostics, Inc
 Form 4
 August 09, 2013

FORM 4

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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)

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

C/O ORACLE PARTNERS L P, 200
 GREENWICH AVENUE

3. Date of Earliest Transaction (Month/Day/Year)
 08/07/2013

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

6. Individual or Joint/Group Filing(Check Applicable Line)

___X___ Form filed by One Reporting Person
 ___ Form filed by More than One Reporting Person

GREENWICH, CT 06830

(City) (State) (Zip)

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	08/07/2013		X		10,689	A	\$ 8.04	177,622	I	See footnote (1) (4)
Common Stock, par value \$0.001 per share	08/07/2013		X		226,272	A	\$ 8.04	3,759,681	I	See footnote (2) (4)
Common Stock, par	08/07/2013		X		28,138	A	\$ 8.04	467,554	I	See footnote

value									(3) (4)
\$0.001 per share									
Common Stock, par value	08/09/2013		P	35,168	A	\$ 7.3	212,790	I	See footnote (1) (4)
\$0.001 per share									

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

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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 of Underlying Security (Instr. 3 and 4)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title Amount Number of Shares
Subscription Rights (right to buy)	\$ 8.04	08/07/2013		X	10,689	07/24/2013 08/07/2013	Common Stock 10
Subscription Rights (right to buy)	\$ 8.04	08/07/2013		X	226,272	07/24/2013 08/07/2013	Common Stock 226
Subscription Rights (right to buy)	\$ 8.04	08/07/2013		X	28,138	07/24/2013 08/07/2013	Common Stock 28

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
FEINBERG LARRY N C/O ORACLE PARTNERS L P 200 GREENWICH AVENUE GREENWICH, CT 06830		X		

Signatures

/s/ Larry N.
Feinberg

08/09/2013

 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 Partners, LP. ("Partners").
- (3) These securities are owned by Oracle Institutional Partners, L.P. ("Institutional Partners").

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

- (4) 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 accordingly, may be deemed to be the beneficial owner of the shares beneficially owned by Ten Fund. 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.