

<b>OMB APPROVAL</b>	
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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**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <b>SCHULER JACK W</b>  (Last) (First) (Middle) <b>28161 N. KEITH DRIVE</b>  (Street) <b>LAKE FOREST IL 60045</b>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <b>Accelerate Diagnostics, Inc [ AXDX ]</b>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <b>02/21/2018</b>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

**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	02/21/2018		P		10,000	A	\$25.16 <sup>(1)</sup>	13,155,028	I	By Jack W. Schuler Living Trust <sup>(2)(6)</sup>
Common Stock								1,500,323	I	By Schuler Family Foundation <sup>(3)(6)</sup>
Common Stock								689,355	I	By Schuler Grandchildren LLC <sup>(4)(6)</sup>
Common Stock								689,355	I	By Schuler GC 2010 Continuation Trust <sup>(5)(6)</sup>

**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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					

**Explanation of Responses:**

- The price reported in Column 4 is a weighted average price. These shares were purchased in multiple transactions at prices ranging from \$24.90 to \$25.25, inclusive. The reporting person undertakes to provide to Accelerate Diagnostics, Inc., any shareholder of Accelerate Diagnostics, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares purchased at each separate price within the range set forth in this footnote (1) to this Form 4.
- Mr. Schuler has sole voting and dispositive power with respect to such shares in his capacity as trustee of the Jack W. Schuler Living Trust.
- Mr. Schuler has sole voting and dispositive power with respect to such shares in his capacity as President of the Schuler Family Foundation.
- Mr. Schuler has sole voting and dispositive power with respect to such shares in his capacity as manager of Schuler Grandchildren LLC.
- Mr. Schuler has shared voting and dispositive power with respect to such shares in his capacity as the grantor of Schuler GC 2010 Continuation Trust.
- The reporting person disclaims beneficial ownership of these securities except to the extent of his pecuniary interest therein, and the inclusion of these shares in this report shall not be deemed an admission of beneficial ownership of all of the reported shares for purposes of Section 16 or for any other purpose.

/s/ Daniel M. Mahoney  
attorney-in-fact

02/23/2018

\*\* Signature of Reporting Person Date

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

\* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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