Nelles Mitchell J Form 4 January 23, 2018

FORM 4

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

Check this box if no longer subject to

Section 16. Form 4 or

Form 5 obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 2. Issuer Name and Ticker or Trading Nelles Mitchell J Symbol

CareDx, Inc. [CDNA]

01/22/2018

(First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year)

2. Transaction Date 2A. Deemed

C/O CAREDX, INC., 3260 **BAYSHORE BOULEVARD**

BRISBANE, CA 94005

1.Title of

Stock

(Street) 4. If Amendment, Date Original

Filed(Month/Day/Year)

3.

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

0.5

Estimated average burden hours per response...

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

below) Chief Operating Officer

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

(D) or

Indirect (I)

(Instr. 4)

6. Ownership 7. Nature of

Beneficial

Ownership

(Instr. 4)

Form: Direct Indirect

Person

4. Securities Acquired 5. Amount of

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of Securities (Instr. 3) any Code (D) Beneficially (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Owned Following Reported (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price

Common 01/22/2018 $F_{\underline{(1)}}$ 1.691 D

71,586 6.29

D

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)

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1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)		4. Transactio	5. orNumber	6. Date Exerc Expiration D		7. Title at Amount of		8. Price of Derivative	9. Nu Deriv
Security (Instr. 3)	or Exercise Price of Derivative Security	(monda, Day, Teal)	(Month/Day/Year)	Code (Instr. 8)	of (Month/Day/Ye Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			Underlying Securities (Instr. 3 and 4)		Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	or Title Nu of	nount umber uares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Nelles Mitchell J C/O CAREDX, INC. 3260 BAYSHORE BOULEVARD

260 BAYSHORE BOLL EVARD Chief Operating Officer

BRISBANE, CA 94005

Signatures

/s/ Peter Maag, as attorney-in-fact for Mitchell
Nelles
01/23/2018

**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).
- These shares were withheld by the Issuer in order to satisfy certain tax withholding obligations upon the vesting of certain restricted stock units

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.

Reporting Owners 2