Maag Peter Form 4 April 18, 2019

FORM 4

OMB APPROVAL

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

OMB Number: 3235-0287 January 31,

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: 2005
Estimated average burden hours per

Section 16.
Form 4 or
Form 5
obligations
may continue.
See Instruction

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

response... 0.5

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Maag Peter			2. Issuer Name and Ticker or Trading Symbol CareDx, Inc. [CDNA]	5. Relationship of Reporting Person(s) to Issuer		
	CAREDX, INC., 3260 SHORE BOULEVARD		3. Date of Earliest Transaction (Month/Day/Year) 04/17/2019	(Check all applicable) _X Director 10% Owner _X Officer (give title Other (specify below) See Remarks		
DDICD ANE	(Street)		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 		
BRISBANE, CA 94005				Person		

(City)	(State)	(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 3. 4. Se Execution Date, if Transaction(A) of					5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common Stock	04/17/2019		M(1)	4,824	A	\$ 5.49	443,230	D	
Common Stock	04/17/2019		M(1)	30,245	A	\$ 2.3	473,475	D	
Common Stock	04/17/2019		M <u>(1)</u>	14,931	A	\$ 2.8	488,406	D	
Common Stock							1,000	I	As UTMA custodian for minor child (2)
							1,000	I	

Common
Stock

As UTMA custodian for minor child (3) (4)

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.

SEC 1474 (9-02)

 $\label{thm:convergence} \begin{tabular}{ll} Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned \\ (e.g., puts, calls, warrants, options, convertible securities) \end{tabular}$

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. Transactic Code (Instr. 8)	orDerivative Securities		Derivative Expiration Derivatives (Month/Day/Acquired (A) or Disposed of (D) (Instr. 3, 4,		d 7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (I	O)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (right to buy)	\$ 5.49	04/17/2019		M	4,8	324	(3)(4)	11/09/2024	Common Stock	4,824
Employee Stock Option (right to buy)	\$ 2.3	04/17/2019		M	30,2	245	(5)	02/17/2027	Common Stock	30,245
Employee Stock Option (right to buy)	\$ 2.8	04/17/2019		M	14,9	931	<u>(6)</u>	09/01/2027	Common Stock	14,931

Reporting Owners

Reporting Owner Name / Address	Relationships							
• 0	Director	10% Owner	Officer	Other				
Maag Peter	X		See Remarks					
C/O CAREDX, INC.								

Reporting Owners 2

3260 BAYSHORE BOULEVARD BRISBANE, CA 94005

Signatures

/s/ Peter Maag 04/18/2019

**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) The transactions reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the Reporting Person.
- Shares are held of record by the Reporting Person as custodian for a minor child under the Uniform Transfer to Minors Act. The

 (2) Reporting Person disclaims beneficial ownership of these shares, and this report shall not be deemed an admission that the Reporting Person is the beneficial owner of these securities for purposes of Section 16 or for any other purpose.
 - The shares subject to the option vest in three equal installments based upon the Issuer's achievement of certain performance goals as follows: (i) one third vest upon the Issuer's determination, which has been reviewed by the Issuer's independent registered public accounting firm, that the Issuer has achieved \$10 million of total cumulative sales of Allosure, its proprietary next-generation
- (3) sequencing-based test to detect donor-derived, cell-free DNA after transplantation, commencing after the completion of the offer by the Issuer to exchange certain outstanding stock options for new options as more fully described in the Schedule TO-I, filed with the Securities Exchange Commission on October 12, 2017, as amended, and supplemented on October 24, 2017 and November 9, 2017 (the "Exchange Offer"), (ii) one third vest upon the Issuer's determination,
- (Continued from footnote 3) which has been reviewed by the Issuer's independent registered public accounting firm, that the Issuer has achieved quarterly revenues of at least \$18.75 million for two consecutive fiscal quarters commencing after the completion of the Exchange Offer, and (iii) one third vest in the event the closing sales price of the Issuer's common stock is at or above \$5.00 per share, as quoted by NASDAQ, for 10 consecutive trading days after the completion of the Exchange Offer.
- (5) 1/4th of the shares subject to the option vested on January 27, 2018 and 1/48th of the shares subject to the option vest monthly thereafter.
- (6) 50% of the shares subject to the option vested on September 1, 2018 and 1/72nd of the shares subject to the option vest monthly thereafter.

Remarks:

President and Chief Executive Officer

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.

Signatures 3