



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

DIVISION OF  
CORPORATION FINANCE

Mail Stop 3561

November 17, 2016

Via E-mail

Mr. Charles Constanti  
Chief Financial Officer  
CareDX, Inc.  
3260 Bay Shore Boulevard  
Brisbane, California 94005

**Re: CareDX, Inc.**  
**Form 10-K for the Year Ended December 31, 2015**  
**Filed March 29, 2016**  
**File No. 001-36536**

Dear Mr. Constanti:

We have completed our review of your filings. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Sincerely,

/s/ Rufus Decker

Rufus Decker  
Accounting Branch Chief  
Office of Beverages, Apparel and  
Mining