

Certificate of Analysis

To whom it may concern,

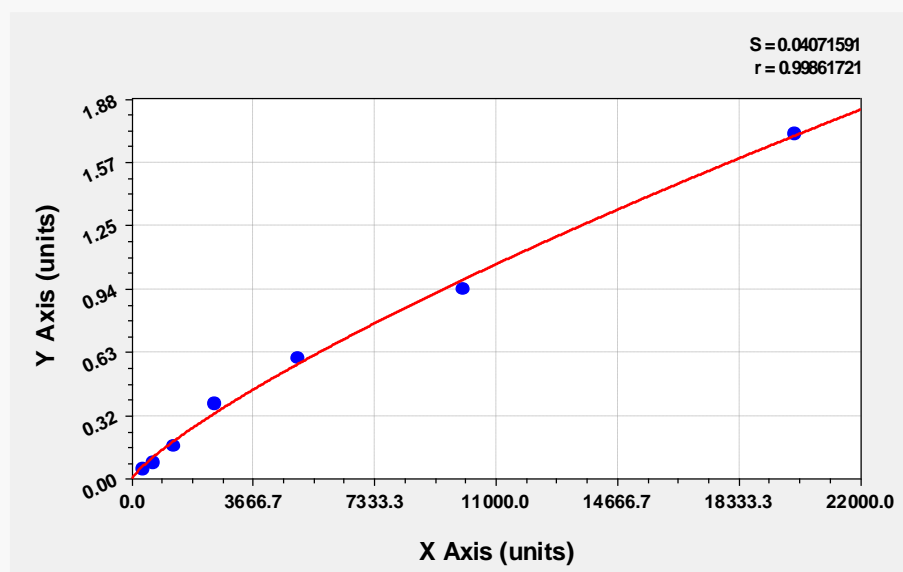
This letter attests that human CD13 ELISA Kit, catalog # AAA11611, Lot # 7621285719 is manufactured by T^Óá Ú[^!& ÒQ&Z. Through test and assay, we got the following data:

1. Typical Data

The following data were obtained for the various standards over the range of 0 to 20ng/ml human CD13.

Concentration(pg/ml)	0	312	625	1250	2500	5000	10000	20000
O.D.	0.020	0.053	0.087	0.169	0.376	0.598	0.942	1.712

Standard Curve



2. Sample Data

Sample(serum)	Dilution:1:100			
Concentration(pg/ml)	4446	4880	5435	5887
O.D	0.52	0.56	0.61	0.65

3. Intra-Assay Precision Samples of known human CD13 concentration were assayed in replicates of 16 to determine precision within an assay.

The %CV (Coefficient of Variation) of intra-assay is < 10%

4. Inter-Assay Precision Samples were assayed 48 times in multiple assays to determine precision between assays.

The %CV (Coefficient of Variation) of inter-assay is < 10%

5. Sensitivity The minimum detectable dose of human CD13 is <10 pg/ml. This was determined by adding two standard deviations to the mean O.D. Obtained when the zero standard was assayed 30 times.

6. Expiration Date Since the manufacture date for this kit is July 19, 2017, so, it can be stored at 4 degree for 6 months (January 19 , 2018), and at -20 degree for 12 months (July 19, 2018).