Human CHL1 (Cell Adhesion Molecule With Homology To L1CAM) ELISA kit

This kit applies sandwich ELISA method for the quantitative detection of CHL1 (Cell Adhesion Molecule With Homology To L1CAM) in human samples. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human CHL1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human CHL1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human CHL1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ±10nm. The concentration of Human CHL1 in the samples is then determined by comparing the OD of the samples to the standard curve.

Catalog No.	3017290
Size	96-Wells
Product Category	ELISA (Quantitative)
Reactivity	Human
Sample	Tissue Homogenates; Cell Lysates; Other Biological Fluids
Assay Method	Sandwich ELISA
Assay Duration	3.5 hours
Sensitivity	0.058 ng/mL
Standard Curve Range	0.16-10 ng/mL
Storage/Stability	-20°C/1 year; 4°C/6 months