

Product Datasheet

Human CD209 Antigen (CD209) ELISA Kit (orb2302982)

Catalog Number	orb2302982
Category	Assays and Kits
Description	<p>The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human CD209. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human CD209. 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 CD209, 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 \pm 10nm. The concentration of Human CD209 in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
Reactivity	Human
Concentration	5000 pg/mL
UniProt ID	Q9NNX6

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Application notes

standard: 5000 pg/mL. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human CD209. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human CD209. 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 CD209, 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 \pm 10nm. The concentration of Human CD209 in the samples is then determined by comparing the OD of the samples to the standard curve

Assay Type

Sandwich

Assay Time

3.5h

Range

78.13-5000 pg/mL

Sensitivity

26.3 pg/mL

Sample Types

Serum, plasma, tissue homogenates

Note

For research use only

Expiration Date

6 months from date of receipt.

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