

Product Datasheet

Human Soluble Interleukin 30 (sIL30) ELISA Kit (orb1088138)

Catalog Number orb1088138

Category Assays and Kits

Description 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 Soluble Interleukin 30(sIL30). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Soluble Interleukin 30(sIL30). 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 Soluble Interleukin 30(sIL30), 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 Soluble Interleukin 30(sIL30) in the samples is then determined by comparing the OD of the samples to the standard curve.

Reactivity Human

Concentration 500 pg/mL

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Application notes

standard: 500 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 sIL30. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human sIL30. 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 sIL30, 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 sIL30 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

7.82-500 pg/mL

Sensitivity

3 pg/mL

Sample Types

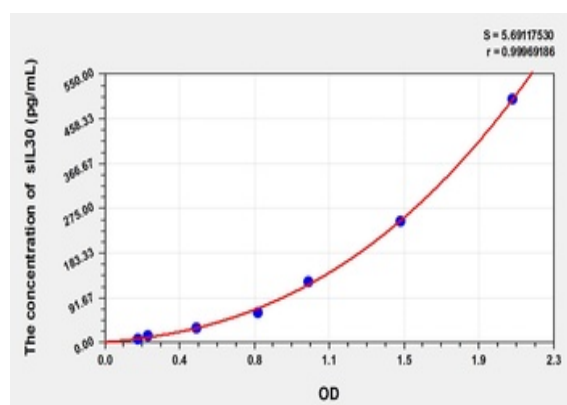
Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

Note

For research use only

Expiration Date

Please enquire.



Standard curve for orb1088138 ELISA kit.

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