

Product Datasheet

Sheep Selectin, Endothelium (SELE) ELISA Kit (orb1088132)

Catalog Number orb1088132

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 Selectin, Endothelium(SELE). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Selectin, Endothelium(SELE). 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 Selectin, Endothelium(SELE), 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 $450\text{nm} \pm 10\text{nm}$. The concentration of Selectin, Endothelium(SELE) in the samples is then determined by comparing the OD of the samples to the standard curve.

Reactivity Sheep

Concentration 100 ng/mL

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Application notes

standard: 100 ng/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 Sheep SELE. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Sheep SELE. 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 Sheep SELE, 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 $450\text{nm} \pm 10\text{nm}$. The concentration of Sheep SELE 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

1.57-100 ng/mL

Sensitivity

0.65 ng/mL

Sample Types

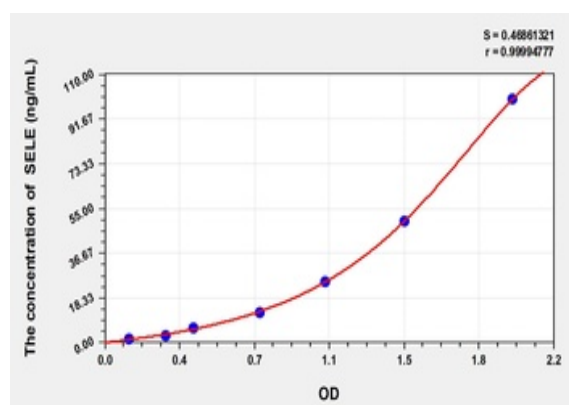
serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Note

For research use only

Expiration Date

Please enquire.



Standard curve for orb1088132 ELISA kit.

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