

Product Datasheet

Rat Jagged 1 Protein (JAG1) ELISA Kit (orb1088161)

Catalog Number	orb1088161
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 Jagged 1 Protein(JAG1). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Jagged 1 Protein(JAG1). 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 Jagged 1 Protein(JAG1), 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 Jagged 1 Protein(JAG1) in the samples is then determined by comparing the OD of the samples to the standard curve.
Reactivity	Rat
Concentration	1000 pg/mL
UniProt ID	Q63722

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Application notes

standard: 1000 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 Rat JAG1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat JAG1. 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 Rat JAG1, 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 Rat JAG1 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

15.63-1000 pg/mL

Sensitivity

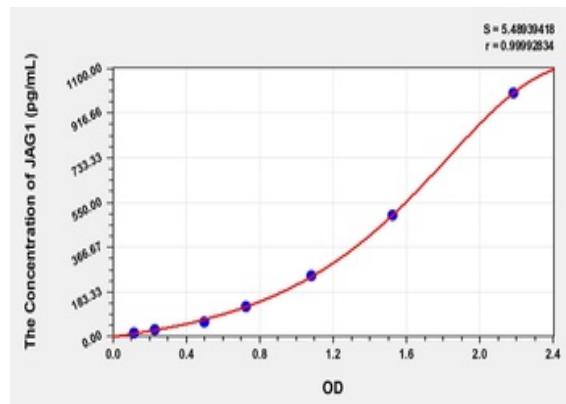
6 pg/mL

Sample Types

Tissue homogenates and other biological fluids

Note

For research use only

**Biorbyt Ltd.**

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