

Product Datasheet

Rabbit Glial Cell Line Derived Neurotrophic Factor Receptor Alpha 1 (GFRa1) ELISA Kit (orb1173529)

Catalog Number	orb1173529
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 Glial Cell Line Derived Neurotrophic Factor Receptor Alpha 1(GFRa1). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Glial Cell Line Derived Neurotrophic Factor Receptor Alpha 1(GFRa1). 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 Glial Cell Line Derived Neurotrophic Factor Receptor Alpha 1(GFRa1), 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 Glial Cell Line Derived Neurotrophic Factor Receptor Alpha 1(GFRa1) in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
Reactivity	Rabbit
Concentration	20 ng/mL
Tested applications	ELISA

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Application notes

standard: 20 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 Rabbit GFRa1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rabbit GFRa1. 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 Rabbit GFRa1, 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 Rabbit GFRa1 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

0.32-20 ng/mL

Sensitivity

0.122 ng/mL

Sample Types

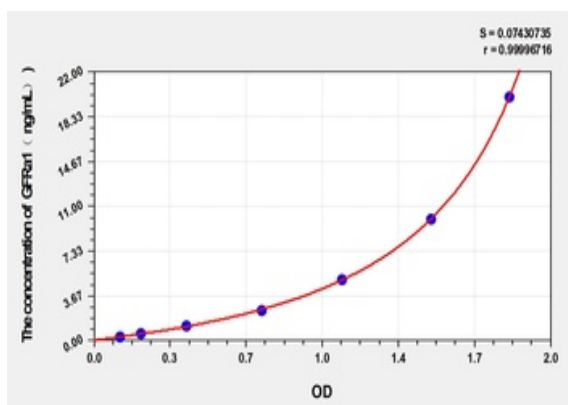
Tissue homogenates and other biological fluids.

Note

For research use only

Expiration Date

Please enquire.



Standard curve for orb1173529 ELISA kit.

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