

Product Datasheet

Rat Calcitonin Gene Related Peptide 2 (CGRP2) ELISA Kit (orb775295)

Catalog Number	orb775295
Category	Assays and Kits
Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Gene Related Peptide(CGRP) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Gene Related Peptide(CGRP).
Reactivity	Rat
Concentration	1000 pg/mL
UniProt ID	P06881
Tested applications	ELISA
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 CGRP2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat CGRP2. 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 CGRP2, 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 Rat CGRP2 in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Sandwich

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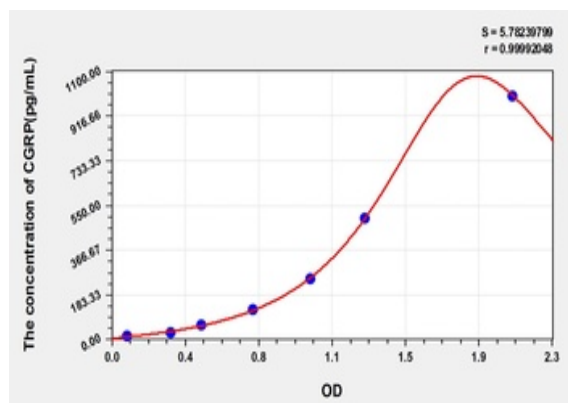
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Assay Time	3.5h
Range	15.63-1000 pg/mL
Sensitivity	4.86 pg/mL
Sample Types	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Note	For research use only
Expiration Date	Please enquire.



Standard curve for orb775295 ELISA kit.

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