

Product Datasheet

Rat Neuropeptide S (NPS) ELISA Kit (orb775520)

Catalog Number	orb775520
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 Neuropeptide S(NPS) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Neuropeptide S(NPS).
Reactivity	Rat
Concentration	1000 pg/mL
UniProt ID	POC0P7
Tested applications	ELISA
Application notes	standard: 1000 pg/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Rat NPS protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat NPS. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 NPS in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Competitive
Assay Time	2h
Range	15.63-1000 pg/mL

Biorbyt Ltd.

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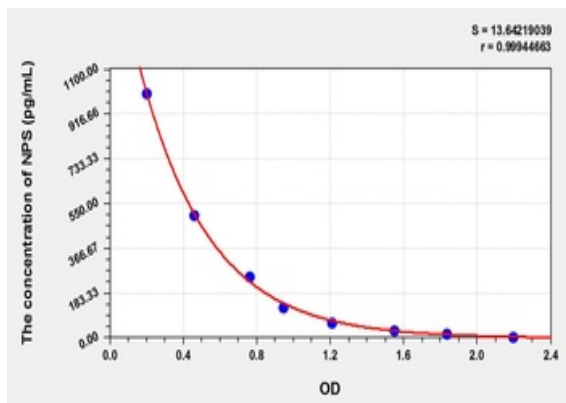
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Sensitivity	4.92 pg/mL
Sample Types	Serum, plasma and other biological fluids
Note	For research use only
Expiration Date	Please enquire.

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