

Product Datasheet

Rat Gamma-Aminobutyric Acid (gABA) ELISA Kit (orb866953)

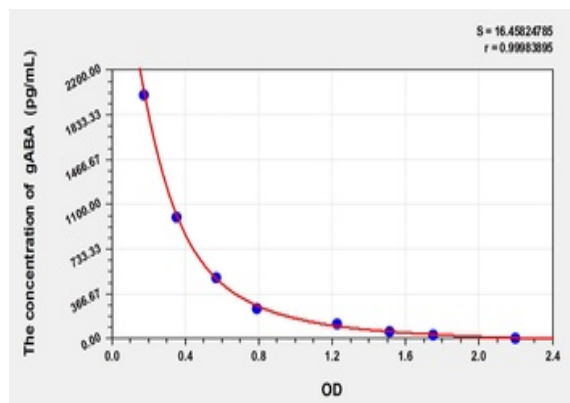
Description	Sandwich Rat gABA ELISA Kit
Reactivity	Rat
Range	31.25-2000 pg/mL
Tested Applications	ELISA
Concentration	2000 pg/mL
Note	For research use only
Application notes	standard: 2000 pg/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Rat gABA protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat gABA. 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 gABA in the samples is then determined by comparing the OD of the samples to the standard curve
Sample Types	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Assay Time	2.5h
Sensitivity	9.32pg/mL
Expiration Date	Please enquire.

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