

## Product Datasheet

# gABA(Gamma-Aminobutyric Acid) ELISA Kit (orb1946668)

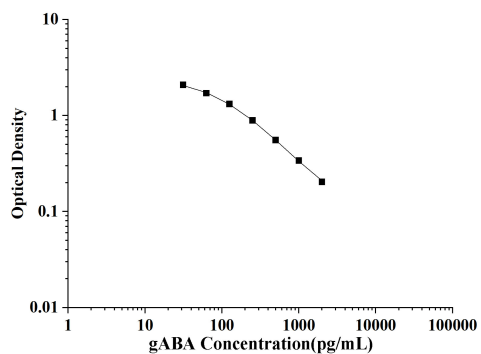
<b>Description</b>	gABA(Gamma-Aminobutyric Acid) ELISA Kit
<b>Range</b>	31.25-2000 pg/mL
<b>Target</b>	gABA
<b>Note</b>	For research use only
<b>Application notes</b>	<p>This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Gamma-Aminobutyric Acid(gABA) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Gamma-Aminobutyric Acid(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 <math>\pm</math> 10nm. The concentration of Gamma-Aminobutyric Acid(gABA) in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
<b>Sample Types</b>	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
<b>Sensitivity</b>	9.27 pg/mL
<b>Expiration Date</b>	Please enquire.

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