

## Product Datasheet

# Human Kynurenic Acid (KYNA) ELISA Kit (orb1496489)

<b>Catalog Number</b>	orb1496489
<b>Category</b>	Assays and Kits
<b>Description</b>	Human KYNA ELISA Kit
<b>Reactivity</b>	Human
<b>Concentration</b>	2000 ng/mL
<b>Application notes</b>	<p>standard: 2000 ng/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human KYNA protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human KYNA. 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 Human KYNA in the samples is then determined by comparing the OD of the samples to the standard curve</p>
<b>Assay Type</b>	Competitive
<b>Assay Time</b>	2h
<b>Range</b>	31.25-2000 ng/mL
<b>Sensitivity</b>	9.3 ng/mL
<b>Sample Types</b>	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

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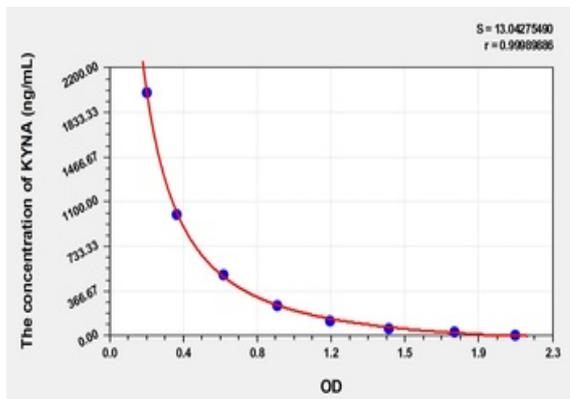
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**Note** For research use only

**Expiration Date** Please enquire.



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