

Product Datasheet

Rat Histamine (HA) ELISA Kit (orb782444)

Catalog Number	orb782444
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 Histamine(HA) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Histamine(HA).
Reactivity	Rat
Concentration	100 ng/mL
Tested applications	ELISA
Application notes	standard: 100 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 Rat HA protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat HA. 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 HA in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Competitive
Assay Time	2.5h
Range	1.57-100 ng/mL
Sensitivity	0.5 ng/mL
Sample Types	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

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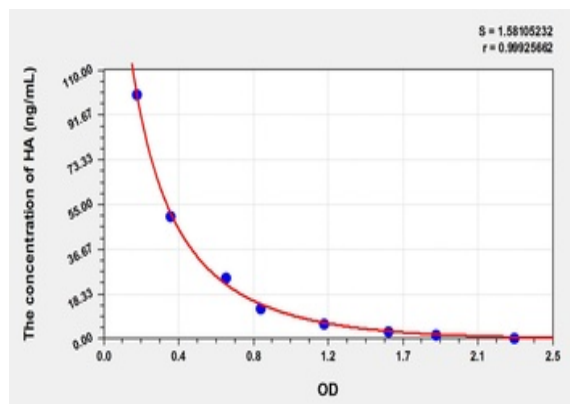
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Note

For research use only

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