

Product Datasheet

Human Delta-Sleep Inducing Peptide (dSIP) ELISA Kit (orb775810)

Catalog Number	orb775810
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 Delta-Sleep Inducing Peptide(dSIP) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Delta-Sleep Inducing Peptide(dSIP).
Reactivity	Human
Concentration	1500 pg/mL
Tested applications	ELISA
Application notes	standard: 1500 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 Human dSIP protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human dSIP. 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 Human dSIP in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Competitive
Assay Time	2h
Range	23.44-1500 pg/mL

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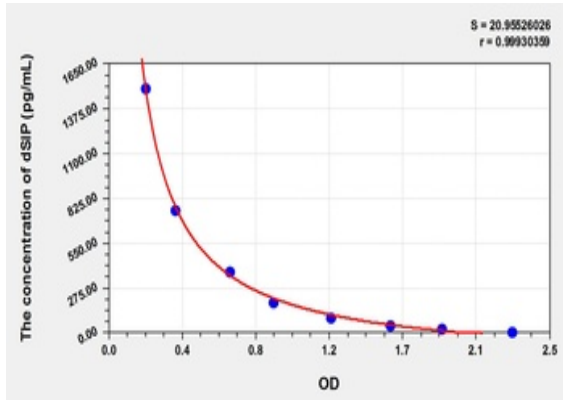
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Sensitivity	7.49 pg/mL
Sample Types	Serum, plasma, other biological fluids
Note	For research use only
Expiration Date	Please enquire.



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