

Product Datasheet

General Heparan Sulfate (HS) ELISA Kit (orb782193)

Catalog Number	orb782193
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 HS(Heparan Sulfate) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to HS(Heparan Sulfate).
Reactivity	All
Concentration	20 ng/mL
Tested applications	ELISA
Application notes	standard: 20 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 HS protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to HS. 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 HS 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	0.31-20 ng/mL
Sensitivity	0.19 ng/mL

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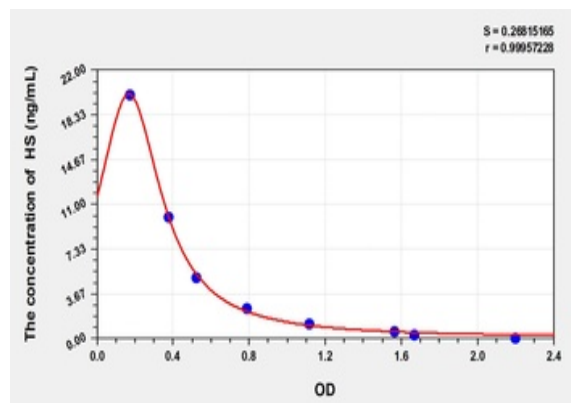
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Sample Types

Serum, plasma, tissue homogenates and other biological fluids

Note

For research use only

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