

Product Datasheet

Human Glycated Serum Protein (GSP) ELISA Kit (orb782352)

Catalog Number	orb782352
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 Glycated Serum Protein (GSP).
Reactivity	Human
Concentration	2000 nmol/mL
Tested applications	ELISA
Application notes	standard: 2000 nmol/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 GSP protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human GSP. 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 GSP 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	31.25-2000 nmol/mL
Sensitivity	10.37 nmol/mL

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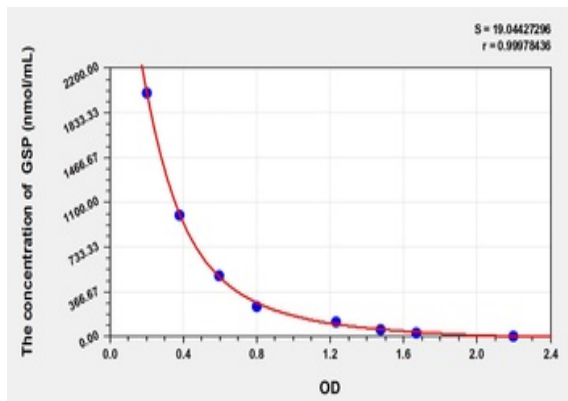
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Sample Types serum, plasma

Note For research use only

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