

Product Datasheet

Pig Somatostatin (SST) ELISA Kit (orb779565)

Catalog Number	orb779565
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 Somatostatin(SST) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Somatostatin(SST).
Reactivity	Porcine
Concentration	500 pg/mL
UniProt ID	P01168
Tested applications	ELISA
Application notes	standard: 500 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 Pig SST protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig SST. 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 Pig SST 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	7.82-500 pg/mL
Sensitivity	2.79 pg/mL

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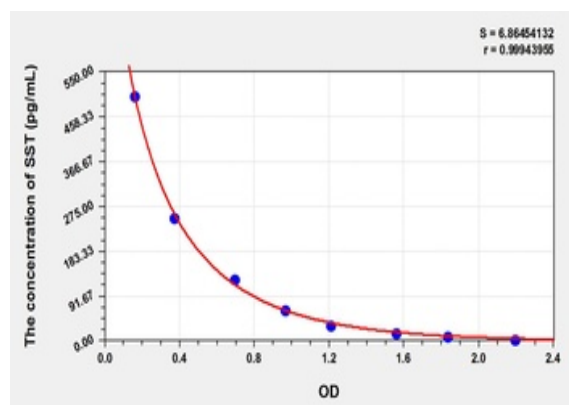
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Sample Types Serum, plasma and other biological fluids.

Note For research use only

Expiration Date Please enquire.

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