

## Product Datasheet

### General Substance P (SP) ELISA Kit (orb1146755)

<b>Description</b>	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with SP protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to SP. 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 $450\text{nm} \pm 10\text{nm}$ . The concentration of SP in the samples is then determined by comparing the OD of the samples to the standard curve.
<b>Reactivity</b>	All
<b>Range</b>	78.13-5000 pg/mL
<b>Concentration</b>	5000 pg/mL
<b>Note</b>	For research use only
<b>Application notes</b>	standard: 5000 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 SP protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to SP. 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 $450\text{nm} \pm 10\text{nm}$ . The concentration of SP in the samples is then determined by comparing the OD of the samples to the standard curve
<b>Sample Types</b>	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
<b>Assay Time</b>	2.5h
<b>Sensitivity</b>	44.58 pg/mL

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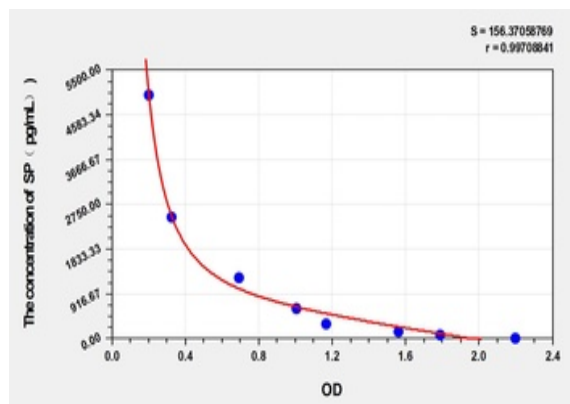
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## Expiration Date

Please enquire.



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