

Product Datasheet

Human SP-D(Pulmonary surfactant-associated protein D) Microsample ELISA Kit (orb2997470)

Catalog Number	orb2997470
Category	Assays and Kits
Description	Human SP-D(Pulmonary surfactant-associated protein D) Microsample ELISA Kit
Reactivity	Human
UniProt ID	P35247
Application notes	<p>The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human SP-D. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human SP-D. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human SP-D, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 SP-D in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
Assay Type	Sandwich
Assay Time	3.5h
Range	1.25-80 ng/mL
Sensitivity	0.51 ng/mL
Sample Types	serum, plasma, tissue homogenates, cell lysates, lung lavage fluid, cell culture supernates and other biological fluids

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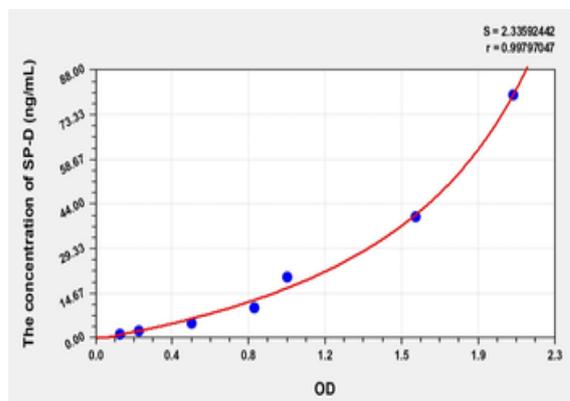
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Note For research use only

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