

Product Datasheet

Human Secretory Leukocyte Peptidase Inhibitor (SLPI) ELISA Kit (orb775740)

Catalog Number	orb775740
Category	Assays and Kits
Description	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 Secretory Leukocyte Peptidase Inhibitor(SLPI).
Reactivity	Human
Concentration	4000 pg/mL
UniProt ID	P03973
Tested applications	ELISA
Application notes	standard: 4000 pg/mL. Test principle: 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 SLPI. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human SLPI. 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 SLPI, 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 SLPI in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Sandwich
Assay Time	3.5h

Biorbyt Ltd.

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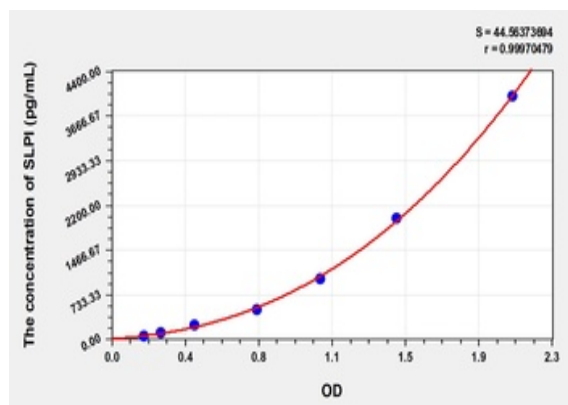
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Range	62.5-4000 pg/mL
Sensitivity	27.5 pg/mL
Sample Types	Serum, plasma and other biological fluids
Note	For research use only
Expiration Date	Please enquire.

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