

Product Datasheet

Human Sialic Acid ELISA Kit (orb782214)

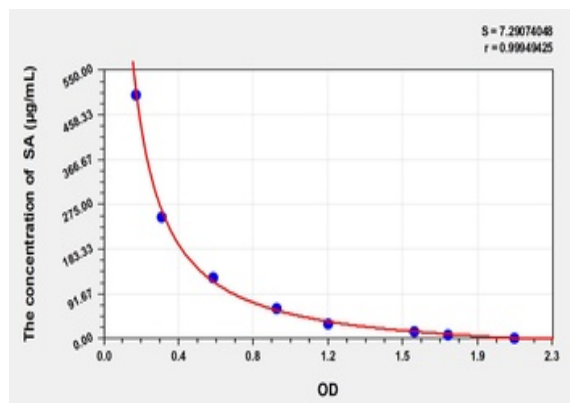
Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Sialic Acid (SA) protein.
Reactivity	Human
Range	7.82-500 µg/mL
Tested Applications	ELISA
Concentration	500 µg/mL
Note	For research use only
Application notes	standard: 500 µg/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 SA protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human SA. 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 ± 10nm. The concentration of Human SA in the samples is then determined by comparing the OD of the samples to the standard curve
Sample Types	Serum, plasma, tissue homogenates and other biological fluids.
Sensitivity	3.83 µg/mL
Expiration Date	Please enquire.

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