

Product Datasheet

Human Src Associated in Mitosis 68kDa Protein (SAM68) ELISA Kit (orb1173537)

Catalog Number	orb1173537
Category	Assays and Kits
Description	<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 Src associated in mitosis 68 kDa protein(SAM68). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Src associated in mitosis 68 kDa protein(SAM68). 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 Src associated in mitosis 68 kDa protein(SAM68), 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 Src associated in mitosis 68 kDa protein(SAM68) in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
Reactivity	Human
Concentration	10 ng/mL
UniProt ID	Q07666
Tested applications	ELISA

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Application notes

standard: 10 ng/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 SAM68. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human SAM68. 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 SAM68, 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 ± 10nm. The concentration of Human SAM68 in the samples is then determined by comparing the OD of the samples to the standard curve

Assay Type

Sandwich

Assay Time

3.5h

Range

0.16-10 ng/mL

Sensitivity

0.051 ng/mL

Sample Types

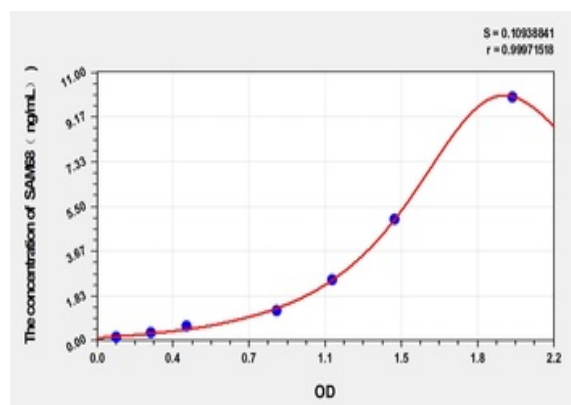
Serum, plasma, tissue homogenates and other biological fluids

Note

For research use only

Expiration Date

Please enquire.



Standard curve for orb1173537 ELISA kit.

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