

Product Datasheet

Human S-Adenosyl Methionine (SAM) ELISA Kit (orb1736509)

Catalog Number orb1736509

Description This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human SAM protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human SAM. 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 Human SAM in the samples is then determined by comparing the OD of the samples to the standard curve.

Reactivity Human

Range 15.63-1000 ng/mL

Concentration 1000 ng/mL

Note For research use only

Application notes standard: 1000 ng/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 SAM protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human SAM. 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 Human SAM in the samples is then determined by comparing the OD of the samples to the standard curve

Sample Types serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

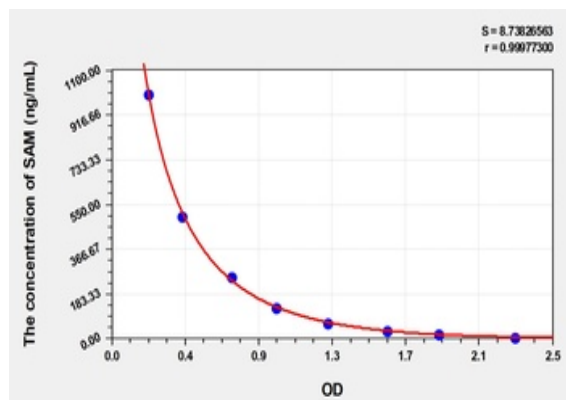
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Assay Time	2.5h
Uniprot ID	P17707
Sensitivity	5.8 ng/mL
Expiration Date	Please enquire.

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