

## **Product Datasheet**

## Human S-Adenosylhomocysteine (SAH) ELISA Kit (orb1146922)

Catalog Number orb1146922

**Category** Assays and Kits

**Description** This assay employs the competitive inhibition enzyme immunoassay technique.

The microtiter plate provided in this kit has been pre-coated with Human SAH protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human SAH. 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  $450 \, \mathrm{nm} \pm 10 \, \mathrm{nm}$ .

The concentration of Human SAH in the samples is then determined by

comparing the OD of the samples to the standard curve.

**Reactivity** Human

**Concentration** 5000 ng/mL

**Application notes** standard: 5000 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 SAH protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human SAH. 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 SAH in the samples is then determined by comparing the OD of the

samples to the standard curve

**Assay Type** Competitive

**Assay Time** 2.5h





**Range** 78.13-5000 ng/mL

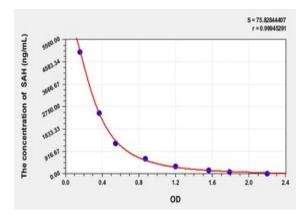
**Sensitivity** 43.4 ng/mL

**Sample Types** serum, plasma, tissue homogenates, cell lysates, cell culture supernates and

other biological fluids

**Note** For research use only

**Expiration Date** Please enquire.



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