

Product Datasheet

Human 28S ribosomal Protein S12, Mitochondrial (MRPS12) ELISA Kit (orb2307976)

Catalog Number orb2307976

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 MRPS12 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human MRPS12. 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 MRPS12 in the samples is then determined by comparing the OD of the samples to the standard

curve.

Reactivity Human

Concentration 50 ng/mL

UniProt ID 015235

Application notes standard: 50 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 MRPS12 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human MRPS12. 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 \pm 10nm. The concentration of Human MRPS12 in the samples is then determined by comparing the OD of the

samples to the standard curve

Competitive

ABisabyt kpd.

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Assay Time 2.5h

Range 0.79-50 ng/mL

Sensitivity 0.28 ng/mL

Sample Types Tissue homogenates, cell lysates and other biological fluids

Note For research use only

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