

Product Datasheet

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

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 $450\text{nm} \pm 10\text{nm}$. The concentration of Human MRPS12 in the samples is then determined by comparing the OD of the samples to the standard curve.
Reactivity	Human
Range	0.79-50 ng/mL
Concentration	50 ng/mL
Note	For research use only
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 $450\text{nm} \pm 10\text{nm}$. The concentration of Human MRPS12 in the samples is then determined by comparing the OD of the samples to the standard curve
Sample Types	Tissue homogenates, cell lysates and other biological fluids
Assay Time	2.5h

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Uniprot ID	O15235
Sensitivity	0.28 ng/mL
Expiration Date	Please enquire.

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