

Product Datasheet

Human Aminoacyl tRNA Synthetase Complex Interacting Multifunctional Protein 1 (AIMP1) ELISA Kit (orb780164)

Description	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 Aminoacyl tRNA Synthetase Complex Interacting Multifunctional Protein 1(AIMP1).
Reactivity	Human
Range	125-8000 pg/mL
Tested Applications	ELISA
Concentration	8000 pg/mL
Note	For research use only
Application notes	standard: 8000 pg/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 AIMP1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human AIMP1. 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 AIMP1, 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 Human AIMP1 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
Uniprot ID	Q12904

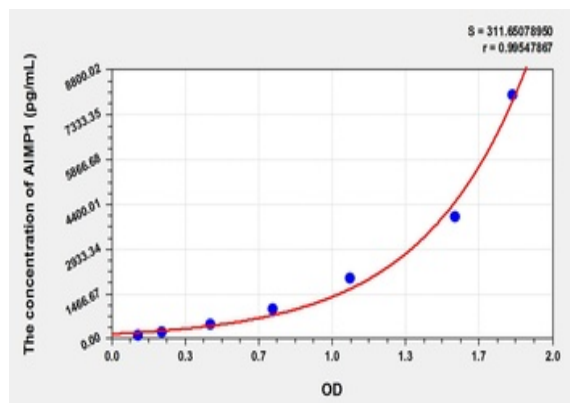
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Sensitivity	43 pg/mL
Expiration Date	Please enquire.

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