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Product Datasheet

Human Aminoacyl tRNA Synthetase Complex Interacting Multifunctional Protein 1 (AIMP1) ELISA Kit BYT-ORB780164

Artikelname	Human Aminoacyl tRNA Synthetase Complex Interacting Multifunctional Protein 1 (AIMP1) ELISA Kit
Artikelnummer	BYT-ORB780164
Hersteller Artikelnummer	orb780164
Alternativnummer	BYT-ORB780164-48, BYT-ORB780164-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Human
Produktbeschreibung	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)....
Konzentration	8000 pg/mL
Detektionsbereich	125-8000 pg/mL
Sensitivitaet	43 pg/mL
UniProt	Q12904
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

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 10nm. The concentration of Human AIMP1 in the samples is then determined by comparing the OD of the samples to the standard curve