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Product Datasheet

Human Alpha 1 microglobulin (a1M) ELISA Kit BYT-ORB782400

Artikelname	Human Alpha 1 microglobulin (a1M) ELISA Kit
Artikelnummer	BYT-ORB782400
Hersteller Artikelnummer	orb782400
Alternativnummer	BYT-ORB782400-48, BYT-ORB782400-96
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 alpha 1 microglobulin....
Konzentration	100 ng/mL
Detektionsbereich	1.57-100 ng/mL
Sensitivitaet	0.55 ng/mL
UniProt	P02760
Proben	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

Anwendungsbeschreibung

Application Notes: standard: 100 ng/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 a1M. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human a1M. 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 a1M, 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 a1M in the samples is then determined by comparing the OD of the samples to the standard curve