Product Datasheet

Human MICA(MHC class I chain-related protein A) Microsample ELISA Kit (orb2997475)

Catalog Number	orb2997475
Category	Assays and Kits
Description	Human MICA(MHC class I chain-related protein A) Microsample ELISA Kit
Reactivity	Human
Application notes	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 MICA. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human MICA. 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 MICA, 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 MICA in the samples is then determined by comparing the OD of the samples to the standard curve.
Assay Type	Sandwich
Assay Time	3.5h
Range	1.57-100 ng/mL
Sensitivity	0.36 ng/mL
Sample Types	serum, plasma, tissue homogenates, cell lysates, urine, cerebrospinal fluid, cell culture supernates and other biological fluids
Note	For research use only

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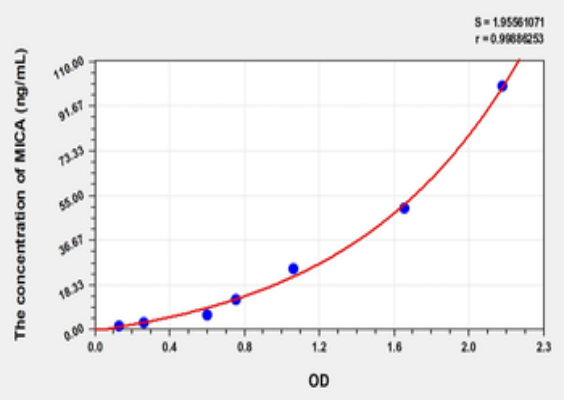
Expiration Date 6 months from date of receipt.



Standard curve for orb2997475 ELISA kit.

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