Product Datasheet

Human Lysozyme C (LZMc) ELISA Kit (orb1146893)

Catalog Number	orb1146893
Category	Assays and Kits
Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human LZMc protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human LZMc. 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 450nm ± 10nm. The concentration of Human LZMc in the samples is then determined by comparing the OD of the samples to the standard curve.
Reactivity	Human
Concentration	200 ng/mL
UniProt ID	P61626
Application notes	standard: 200 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 LZMc protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human LZMc. 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 450nm ± 10nm. The concentration of Human LZMc in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Competitive
Assay Time	2.5h

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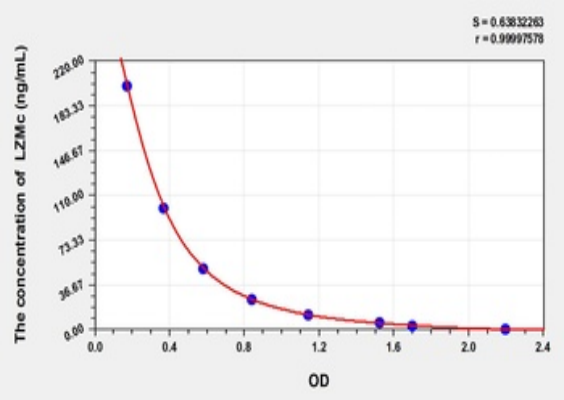
Range	3.13-200 ng/mL
Sensitivity	1.32 ng/mL
Sample Types	Serum, plasma and other biological fluids
Note	For research use only



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