

Product Datasheet

Mouse Cathepsin A (CTSA) ELISA Kit (orb778163)

Catalog Number	orb778163
Category	Assays and Kits
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 Cathepsin A(CTSA).
Reactivity	Mouse
Concentration	400 pg/mL
UniProt ID	P16675
Tested applications	ELISA
Application notes	standard: 400 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 Mouse CTSA. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse CTSA. 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 Mouse CTSA, 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 Mouse CTSA 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	6.25-400 pg/mL

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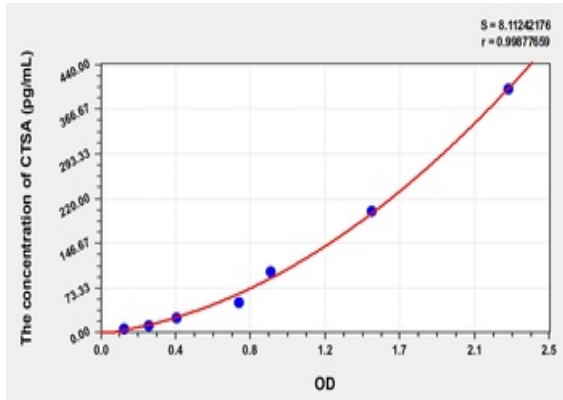
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Sensitivity	2.63 pg/mL
Sample Types	Serum, plasma, tissue homogenates, cell lysates and other biological fluids.
Note	For research use only
Expiration Date	Please enquire.



Standard curve for orb778163 ELISA kit.

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