

Product Datasheet

Human Cathepsin A (CTSA) ELISA Kit (orb1947821)

Catalog Number	orb1947821
Category	Assays and Kits
Description	Human Cathepsin A (CTSA) ELISA Kit
Target	CTSA
Reactivity	Human
UniProt ID	P10619
Application notes	<p>This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human CTSA. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human CTSA and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human CTSA, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm \pm 2 nm. The OD value is proportional to the concentration of Human CTSA. You can calculate the concentration of Human CTSA in the samples by comparing the OD of the samples to the standard curve.</p>
Assay Type	Sandwich
Assay Time	3.5H
Standard	5000pg/mL
Range	78.13-5000pg/mL

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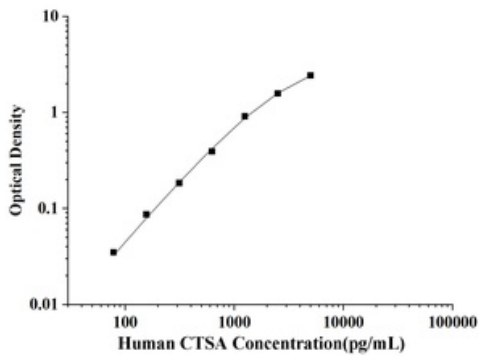
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Sensitivity	46.88 pg/mL
Sample Types	serum, plasma, Tissue homogenate and Other biological samples
Note	For research use only
Expiration Date	6 months from date of receipt.



Standard curve for orb1947821 ELISA kit.

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