

Product Datasheet

Human CTSB(Cathepsin B) ELISA Kit (orb1807591)

Description	Human CTSB(Cathepsin B) ELISA Kit
Reactivity	Human
Range	3.13-200 ng/mL
Target	CTSB
Note	For research use only
Application notes	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 CTSB. 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 CTSB 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 CTSB, 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 CTSB. You can calculate the concentration of Human CTSB in the samples by comparing the OD of the samples to the standard curve.
Sample Types	serum, plasma, Tissue homogenate and Other biological samples
Sensitivity	1.21 ng/mL
Expiration Date	Please enquire.

