



ELISA Kit for Large Multifunctional Peptidase 2 (LMP2)

Catalog No: tcue1294

Available Sizes	
Size: 96T	
Specifications	
Research Area: Enzyme & Kinase;	
Species Reactivity: Homo sapiens (Human)	
Sample Type: tissue homogenates, cell lysates and other biological fluids	
Sensitivity: The minimum detectable dose of this kit is typically less than 0.057ng/mL	
Detection Range: 0.156-10ng/mL	
Assay Time: 3h	
Detection Method: Enzyme-linked immunosorbent assay for Antigen Detection.	
Tested Application: ELISA	
SwissProt:	

Test Principle

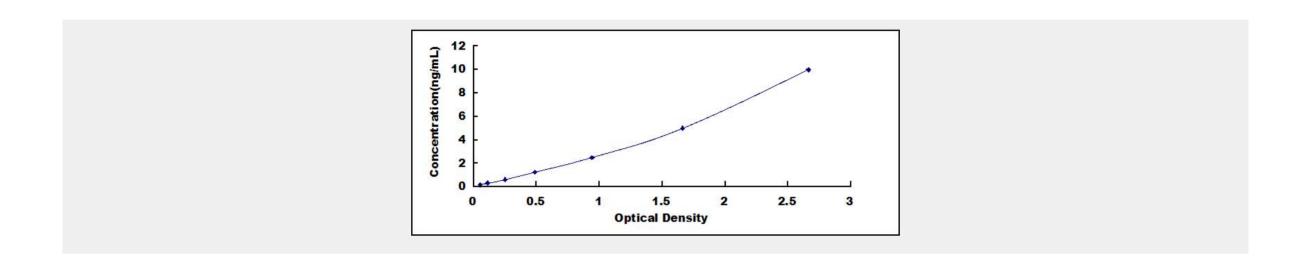
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The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated





with an antibody specific to Large Multifunctional Peptidase 2 (LMP2). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Large Multifunctional Peptidase 2 (LMP2). 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 Large Multifunctional Peptidase 2 (LMP2), 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 $450 \text{nm} \pm 10 \text{nm}$. The concentration of Large Multifunctional Peptidase 2 (LMP2) in the samples is then determined by comparing the O.D. of the samples to the standard curve.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!