

Product Datasheet

Rat Liver Expressed Antimicrobial Peptide 2 (LEAP2) ELISA Kit (orb1994909)

Catalog Number	orb1994909
Category	Assays and Kits
Description	<p>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 Human LEAP2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human LEAP2. 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 Human LEAP2, 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 Human LEAP2 in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
Reactivity	Rat
Concentration	10 ng/mL
Application notes	<p>standard: 10 ng/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 Rat LEAP2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat LEAP2. 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 Rat LEAP2, 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 Rat LEAP2 in the samples is then determined by comparing the OD of the samples to the standard curve</p>

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Assay Type	Sandwich
Assay Time	3.5h
Range	0.16-10 ng/mL
Sensitivity	0.049 ng/mL
Sample Types	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Note	For research use only
Expiration Date	6 months from date of receipt.

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