

Product Datasheet

Human Erythrocyte Membrane Protein Band 4.2 (EPB42) ELISA Kit (orb778844)

Catalog Number	orb778844
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 Erythrocyte Membrane Protein Band 4.2(EPB42).
Reactivity	Human
Concentration	10 ng/mL
UniProt ID	P16452
Tested applications	ELISA
Application notes	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 Human EPB42. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human EPB42. 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 EPB42, 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 EPB42 in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Sandwich
Assay Time	3.5h

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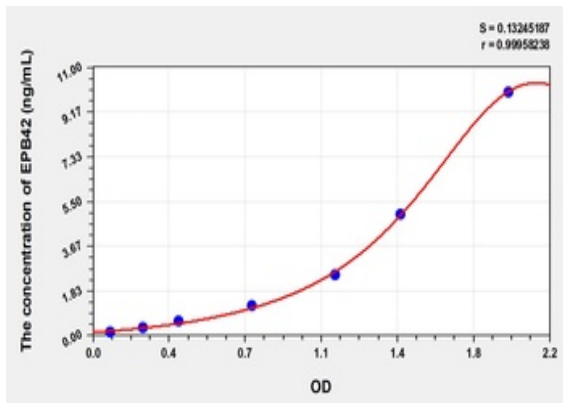
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Range	0.16-10 ng/mL
Sensitivity	0.052 ng/mL
Sample Types	Tissue homogenates, cell lysates and other biological fluids.
Note	For research use only
Expiration Date	Please enquire.

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