

Product Datasheet

Human Fatty Acid Transport Protein 2 (FATP2) ELISA Kit (orb1817315)

Catalog Number	orb1817315
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 FATP2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human FATP2. 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 FATP2, 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 FATP2 in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
Reactivity	Human
Concentration	10 ng/mL
UniProt ID	O14975

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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 FATP2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human FATP2. 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 FATP2, 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 ± 10nm. The concentration of Human FATP2 in the samples is then determined by comparing the OD of the samples to the standard curve

Assay Type

Sandwich

Assay Time

3.5h

Range

0.16-10 ng/mL

Sensitivity

0.068 ng/mL

Sample Types

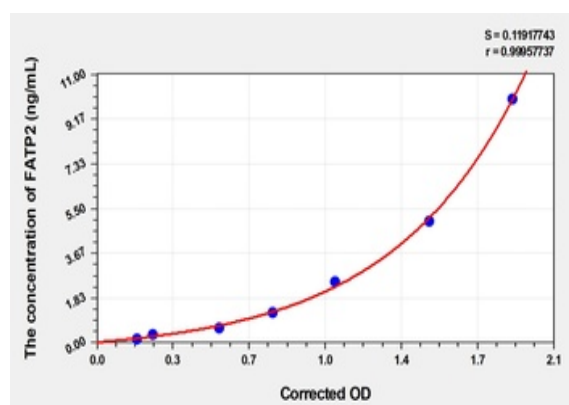
Tissue homogenates and other biological fluids.

Note

For research use only

Expiration Date

6 months from date of receipt.



Standard curve for orb1817315 ELISA kit.

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