

Product Datasheet

Human Carnitine Palmitoyltransferase 1B, Muscle (CPT1B) ELISA Kit (orb1948469)

Catalog Number	orb1948469
Category	Assays and Kits
Description	Human Carnitine Palmitoyltransferase 1B, Muscle (CPT1B) ELISA Kit
Target	CPT1B
Reactivity	Human
UniProt ID	Q92523
Application notes	<p>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 CPT1B. 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 CPT1B 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 CPT1B, 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 CPT1B. You can calculate the concentration of Human CPT1B in the samples by comparing the OD of the samples to the standard curve.</p>
Assay Type	Sandwich
Assay Time	3.5H
Standard	20ng/mL

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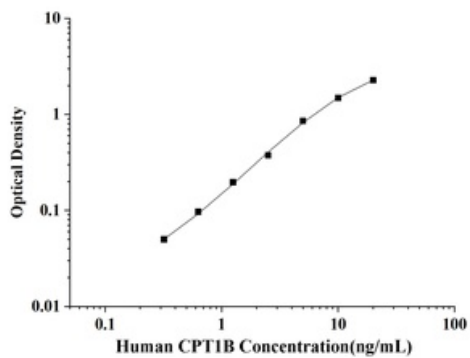
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Range	0.32-20ng/mL
Sensitivity	0.19 ng/mL
Sample Types	Tissue homogenate, Cell lysate
Note	For research use only
Expiration Date	6 months from date of receipt.



Standard curve for orb1948469 ELISA kit.

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