

Rat Hydroxyacyl Coenzyme A Dehydrogenase Beta (HADHb) RTU ELISA Kit | HADHb rtu elisa kit

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CATALOG #
AAA71091

REACTIVITY
Rat

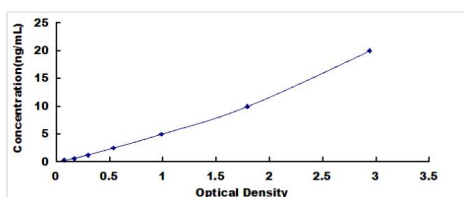
PRODUCT SYNONYMS

Hydroxyacyl Coenzyme A Dehydrogenase Beta (HADHb); Rat Hydroxyacyl Coenzyme A Dehydrogenase Beta (HADHb) ELISA Kit; MTPB; Mitochondrial Trifunctional Protein; Beta Subunit; 3-Ketoacyl-Coenzyme A Thiolase/Enoyl-Coenzyme A Hydratase(Trifunctional Protein)Beta Subunit; Beta-ketothiolase; HADHb rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	475
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.135ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HADHb rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HADHb. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HADHb. 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 HADHb, 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 HADHb in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	19424338
NCBI GeneID	171155
NCBI Accession #	NP_598302.1
NCBI GenBank Nucleotide #	NM_133618.3
UniProt Accession #	Q60587
Molecular Weight	51,414 Da
NCBI Official Full Name	trifunctional enzyme subunit beta, mitochondrial
NCBI Official Synonym Full Names	hydroxyacyl-CoA dehydrogenase trifunctional multienzyme complex subunit beta
NCBI Official Symbol	Hadhb
NCBI Official Synonym Symbols	TP-beta
NCBI Protein Information	trifunctional enzyme subunit beta, mitochondrial
UniProt Protein Name	Trifunctional enzyme subunit beta, mitochondrial
UniProt Gene Name	Hadhb

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rat-rtu-elisa-kits/hydroxyacyl-coenzyme-a-dehydrogenase-beta-hadhb/71091>