

Mouse isocitrate dehydrogenase (ICD) ELISA Kit | ICD elisa kit

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CATALOG #
AAA121579

REACTIVITY
Mouse

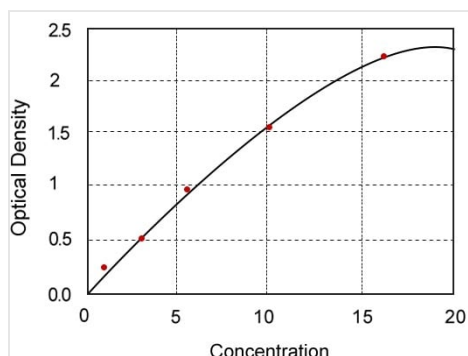
PRODUCT SYNONYMS

isocitrate dehydrogenase (ICD); Mouse isocitrate dehydrogenase (ICD) ELISA Kit; ICD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	416
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 40ng/ml
Sensitivity	0.053ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ICD elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Isocitrate Dehydrogenase (also known as ICD) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse ICD antibody. ICD present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse ICD Antibody is added and binds to ICD in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ICD antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse ICD. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15221788
NCBI GeneID	841875
NCBI Accession #	NP_175836.1
NCBI GenBank Nucleotide #	NM_104312.3
UniProt Accession #	Q9SLK0
Molecular Weight	47,234 Da
NCBI Official Full Name	isocitrate dehydrogenase
NCBI Official Symbol	ICDH
NCBI Official Synonym Symbols	F20D21.16; F20D21_16; isocitrate dehydrogenase
NCBI Protein Information	isocitrate dehydrogenase
UniProt Protein Name	Peroxisomal isocitrate dehydrogenase [NADP]
UniProt Gene Name	ICDH

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/mouse-elisa-kits/isocitrate-dehydrogenase-icd/121579>