

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

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CATALOG #
AAA54495

REACTIVITY
Human

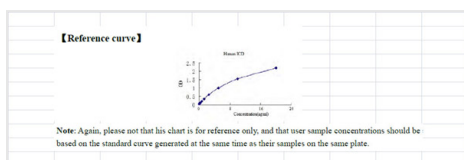
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	416
Samples	Human serum, plasma or cell culture supernatant
Assay Type	Quantitative Sandwich
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ICD elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human ICD monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15221788
NCBI GeneID	841875
NCBI Accession #	NP_175836.1

NCBI GenBank Nucleotide #	NM_104312.2
Molecular Weight	47,234 Da
NCBI Official Full Name	isocitrate dehydrogenase
NCBI Official Symbol	ICDH
NCBI Official Synonym Symbols	F20D21.16; F20D21_16; ICDH; isocitrate dehydrogenase
NCBI Protein Information	isocitrate dehydrogenase
UniProt Protein Name	Peroxisomal isocitrate dehydrogenase [NADP]
UniProt Gene Name	ICDH
UniProt Synonym Gene Names	At1g54340; F20D21.16
UniProt Entry Name	ICDHX_ARATH

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/human-elisa-kits/isocitrate-dehydrogenase-icd/54495>