

Mouse lactate dehydrogenase A ELISA Kit | LDHA elisa kit

Mouse L-lactate dehydrogenase A chain, LDH-A ELISA Kit

CATALOG #
AAA112731

REACTIVITY
Mouse

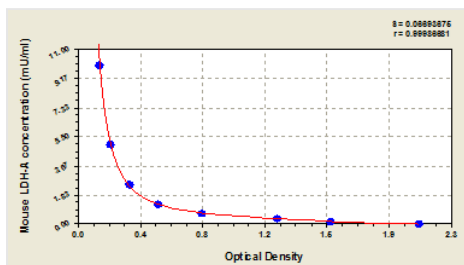
PRODUCT SYNONYMS

lactate dehydrogenase A; Mouse L-lactate dehydrogenase A chain; LDH-A ELISA Kit; Mouse L-lactate dehydrogenase A chain (LDH-A) ELISA Kit; GSD11; LDH1; LDHM; PIG19; LDH muscle subunit; lactate dehydrogenase M; proliferation-inducing gene 19; renal carcinoma antigen NY-REN-59; LDHA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse LDH-A. No significant cross-reactivity or interference between mouse LDH-A and analogues was observed.
Sequence Length	332
Samples	serum, plasma, tissue homogenates
Assay Type	Quantitative Competitive
Detection Range	0.156 mU/ml -10 mU/ml
Sensitivity	<0.039 mU/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LDHA elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with LDH-A. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for LDH-A. The competitive inhibition reaction is launched between with pre-coated LDH-A and LDH-A in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of LDH-A in the samples. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754524
NCBI GeneID	16828
NCBI Accession #	NP_034829.1
NCBI GenBank Nucleotide #	NM_010699.2
UniProt Accession #	P06151
Molecular Weight	36,499 Da
NCBI Official Full Name	L-lactate dehydrogenase A chain isoform 1
NCBI Official Synonym Full Names	lactate dehydrogenase A
NCBI Official Symbol	Ldha
NCBI Official Synonym Symbols	Ldh1; Ldhm; l7R2
NCBI Protein Information	L-lactate dehydrogenase A chain; LDH-M; M-LDH; LDH muscle subunit; lactate dehydrogenase-A; lactate dehydrogenase A4; lactate dehydrogenase 1, A chain
UniProt Protein Name	L-lactate dehydrogenase A chain
UniProt Gene Name	Ldha
UniProt Synonym Gene Names	Ldh-1; Ldh1; LDH-A; LDH-M
UniProt Entry Name	LDHA_MOUSE

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/ldha-mouse-elisa-kits/lactate-dehydrogenase-a/112731>