

Rabbit LDHB (L-lactate dehydrogenase B chain) ELISA Kit | LDHB elisa kit

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CATALOG #
AAA250555

REACTIVITY
Rabbit

PRODUCT SYNONYMS

LDHB (L-lactate dehydrogenase B chain); Rabbit LDHB (L-lactate dehydrogenase B chain) ELISA Kit; L-lactate dehydrogenase B chain; LDH-B; LDH heart subunit (LDH-H); LDHB; LDHB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of LDHB. No significant cross-reactivity or interference between LDHB and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.469-30ng/m(10mIU=10ng)
Sensitivity	0.281ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for LDHB elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126044
NCBI GeneID	100009106
UniProt Accession #	P13490
Molecular Weight	24,134 Da
NCBI Official Full Name	L-lactate dehydrogenase B chain
NCBI Official Symbol	LDHB
NCBI Official Synonym Symbols	LDH-B; LDH-H

NCBI Protein Information	L-lactate dehydrogenase B chain
UniProt Protein Name	L-lactate dehydrogenase B chain
UniProt Gene Name	LDHB
UniProt Synonym Gene Names	LDH-B; LDH-H

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/rabbit-elisa-kits/ldhb-l-lactate-dehydrogenase-b-chain/250555>