

Human LACTB2 (Endoribonuclease LACTB2) ELISA Kit | LACTB2 elisa kit

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CATALOG # AAA250599	REACTIVITY Human
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PRODUCT SYNONYMS

LACTB2 (Endoribonuclease LACTB2); Human LACTB2 (Endoribonuclease LACTB2) ELISA Kit; Endoribonuclease LACTB2; Beta-lactamase-like protein 2; LACTB2; LACTB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of LACTB2. No significant cross-reactivity or interference between LACTB2 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/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 LACTB2 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 #	7705793
NCBI GeneID	51110
NCBI Accession #	NP_057111
NCBI GenBank Nucleotide #	NM_016027
UniProt Accession #	Q53H82; Q9Y392; A8K2D6
Molecular Weight	32,806 Da
NCBI Official Full Name	beta-lactamase-like protein 2

NCBI Official Synonym Full Names	lactamase, beta 2
NCBI Official Symbol	LACTB2
NCBI Official Synonym Symbols	CGI-83
NCBI Protein Information	beta-lactamase-like protein 2
UniProt Protein Name	Beta-lactamase-like protein 2
UniProt Gene Name	LACTB2
UniProt Entry Name	LACB2_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/lactb2-endoribonuclease-lactb2/250599>