

Bovine Dihydrolipoyl Transacetylase ELISA Kit | DLAT elisa kit

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CATALOG #
AAA94637

REACTIVITY
Bovine

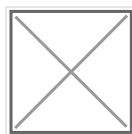
PRODUCT SYNONYMS

Dihydrolipoyl Transacetylase; Bovine Dihydrolipoyl Transacetylase ELISA Kit; DLAT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DLAT elisa kit

Intended Uses: This DLAT ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine DLAT. This ELISA kit for research use only!

Principle of the Assay: DLAT ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-DLAT antibody and an DLAT-HRP conjugate. The assay sample and buffer are incubated together with DLAT-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the DLAT concentration since DLAT from samples and DLAT-HRP conjugate compete for the anti-DLAT antibody binding site. Since the number of sites is limited, as more sites are occupied by DLAT from the sample, fewer sites are left to bind DLAT-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DLAT concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47600751
UniProt Accession #	Q6KCM0
Molecular Weight	45,327 Da
NCBI Official Full Name	dihydrolipoyl transacetylase

UniProt Protein Name	Acetyltransferase component of pyruvate dehydrogenase complex
UniProt Entry Name	Q6KCM0_EUGGR

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/dlat-bovine-ovine-elisa-kits/dihydrolipoyl-transacetylase/94637>