

Goat Pyruvate Dehydrogenase Alpha ELISA Kit | PDHa elisa kit

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CATALOG #
AAA92475

REACTIVITY
Goat

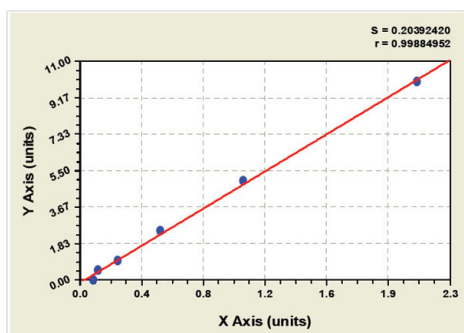
PRODUCT SYNONYMS

Pyruvate Dehydrogenase Alpha; Goat Pyruvate Dehydrogenase Alpha ELISA Kit; PDHa elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	0.1 ng/mL.
Intended Uses	This THAA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep THAA. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



ADDITIONAL INFORMATION

Related Product Information for PDHa elisa kit

Principle of the Assay: THAA ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for THAA. Standards or samples are then added to the microtiter plate wells and THAA if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of THAA present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for THAA are added to each well to "sandwich" the THAA immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain THAA and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The THAA concentration in each sample is interpolated from this standard curve.

Product Categories/Family for PDHa elisa kit

Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	41408407
NCBI GeneID	2721718
NCBI Accession #	NP_961243.1
NCBI GenBank Nucleotide #	NC_002944.2
NCBI Official Full Name	PdhA
NCBI Official Symbol	pdhA
NCBI Protein Information	PdhA

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/pdha-goat-elisa-kits/pyruvate-dehydrogenase-alpha/92475>