Sheep Dihydropyrimidinase Like Protein 2 ELISA Kit | DPYSL-2 elisa kit

Sheep Dihydropyrimidinase Like Protein 2 ELISA Kit

CATALOG #	REACTIVITY
AAA94588	**Sheep**

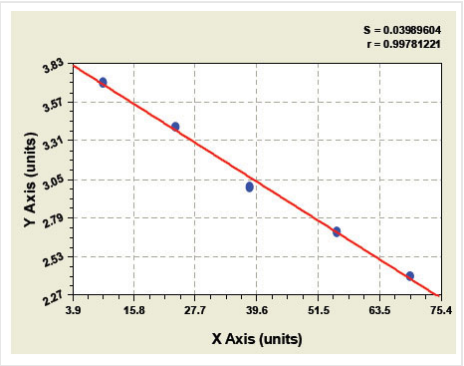
PRODUCT SYNONYMS

Dihydropyrimidinase Like Protein 2; Sheep Dihydropyrimidinase Like Protein 2 ELISA Kit; DPYSL-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This DPYSL-2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep DPYSL-2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DPYSL-2 elisa kit	**Principle of the Assay:** DPYSL-2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-DPYSL-2 antibody and an DPYSL-2-HRP conjugate. The assay sample and buffer are incubated together with DPYSL-2-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 DPYSL-2 concentration since DPYSL-2 from samples and DPYSL-2-HRP conjugate compete for the anti-DPYSL-2 antibody binding site. Since the number of sites is limited, as more sites are occupied by DPYSL-2 from the sample, fewer sites are left to bind DPYSL-2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DPYSL-2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503377
NCBI GeneID	1808
NCBI Accession #	NP_001377.1
NCBI GenBank Nucleotide #	NM_001386.5
Molecular Weight	58,163 Da
NCBI Official Full Name	dihydropyrimidinase-related protein 2 isoform 2
NCBI Official Synonym Full Names	dihydropyrimidinase-like 2
NCBI Official Symbol	DPYSL2
NCBI Official Synonym Symbols	DRP2; N2A3; CRMP2; DRP-2; ULIP2; CRMP-2; DHPRP2; ULIP-2
NCBI Protein Information	dihydropyrimidinase-related protein 2; unc-33-like phosphoprotein 2; collapsin response mediator protein hCRMP-2
UniProt Protein Name	Dihydropyrimidinase-related protein 2
UniProt Gene Name	**DPYSL2**
UniProt Synonym Gene Names	CRMP2; ULIP2; DRP-2; CRMP-2; ULIP-2
UniProt Entry Name	DPYL2_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.

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Online datasheet: https://stage.aaabiotech.com/dpysl-2-sheep-elisa-kits/dihydropyrimidinase-like-protein-2/94588