

Chicken Dihydropyrimidinase Like Protein 3 ELISA Kit | DPYSL3 elisa kit

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CATALOG #
AAA88583

REACTIVITY
Chicken

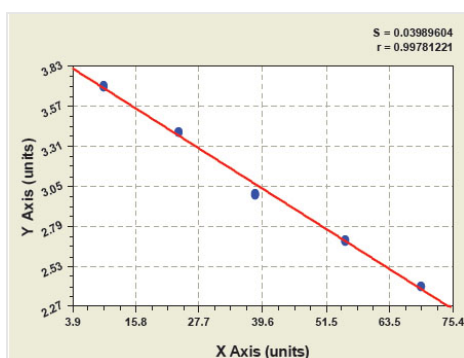
PRODUCT SYNONYMS

Dihydropyrimidinase Like Protein 3; Chicken Dihydropyrimidinase Like Protein 3 ELISA Kit; DPYSL3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This DPYSL3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken DPYSL3. 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 DPYSL3 elisa kit

Principle of the assay: DPYSL3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-DPYSL3 antibody and an DPYSL3-HRP conjugate. The assay sample and buffer are incubated together with DPYSL3-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 DPYSL3 concentration since DPYSL3 from samples and DPYSL3-HRP conjugate compete for the anti-DPYSL3 antibody binding site. Since the number of sites is limited, as more sites are occupied by DPYSL3 from the sample, fewer sites are left to bind DPYSL3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DPYSL3 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	50417352
NCBI GeneID	1809
UniProt Accession #	Q14195; Q93012; B3SXQ8
Molecular Weight	61,963 Da
NCBI Official Full Name	DPYSL3 protein
NCBI Official Synonym Full Names	dihydropyrimidinase-like 3
NCBI Official Symbol	DPYSL3
NCBI Official Synonym Symbols	DRP3; ULIP; CRMP4; DRP-3; LCRMP; CRMP-4; ULIP-1
NCBI Protein Information	dihydropyrimidinase-related protein 3; unc-33-like phosphoprotein 1; collapsin response mediator protein 4 long
UniProt Protein Name	Dihydropyrimidinase-related protein 3
UniProt Gene Name	DPYSL3
UniProt Synonym Gene Names	CRMP4; DRP3; ULIP; ULIP1; DRP-3; CRMP-4; ULIP-1
UniProt Entry Name	DPYL3_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://www.aaabiotech.com/dpysl3-chicken-elisa-kits/dihydropyrimidinase-like-protein-3/88583>