

Sheep Cyclophilin A ELISA Kit | CYPA elisa kit

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CATALOG #
AAA91084

REACTIVITY
Sheep

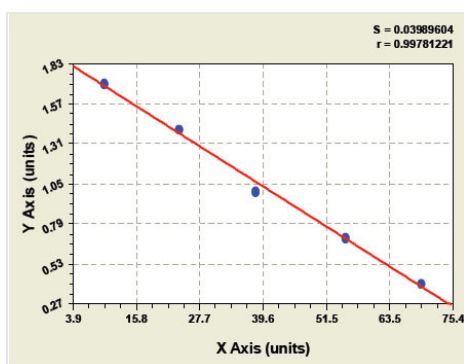
PRODUCT SYNONYMS

Cyclophilin A; Sheep Cyclophilin A ELISA Kit; CYPA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This CYPA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep CYPA. 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 CYPA elisa kit

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

Product Categories/Family for CYPA elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	52349059
Molecular Weight	47,342 Da
NCBI Official Full Name	cytochrome P450-like enzyme CypA
UniProt Protein Name	Cytochrome P450-like enzyme
UniProt Gene Name	cypA
UniProt Synonym Gene Names	BL02429; BLi02822
UniProt Entry Name	Q65GX1_BACLD

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/cypa-sheep-elisa-kits/cyclophilin-a/91084>