

Goat Cardiolipin Synthase ELISA Kit | CLS elisa kit

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CATALOG #
AAA95326

REACTIVITY
Goat

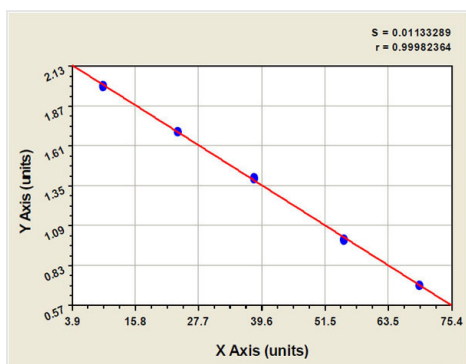
PRODUCT SYNONYMS

Cardiolipin Synthase; Goat Cardiolipin Synthase ELISA Kit; CLS elisa kit

PRODUCT SPECIFICATIONS

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

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	495847948
NCBI Accession #	WP_008572527.1
NCBI GenBank Nucleotide #	WP_008572527.1
NCBI Official Full Name	MULTISPECIES: cardiolipin synthase

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/cls-goat-elisa-kits/cardiolipin-synthase/95326>