

Goat Kappa immunoglobulin light chain ELISA Kit | K-IgLC elisa kit

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CATALOG #
AAA96398

REACTIVITY
Goat

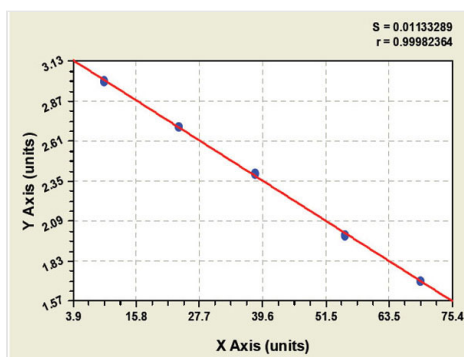
PRODUCT SYNONYMS

Kappa immunoglobulin light chain; Goat Kappa immunoglobulin light chain ELISA Kit; K-IgLC elisa kit

PRODUCT SPECIFICATIONS

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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for K-IgLC elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	306976
NCBI Official Full Name	kappa-immunoglobulin, partial

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/k-iglc-goat-elisa-kits/kappa-immunoglobulin-light-chain/96398>