

Human Chorionic somatomammotropin hormone like 1 (CSHL1) ELISA Kit | CSHL1 elisa kit

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CATALOG #
AAA245981

REACTIVITY
Human

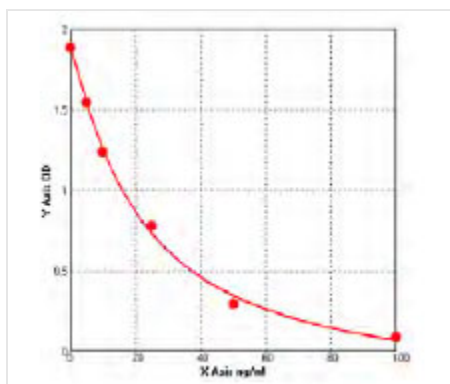
PRODUCT SYNONYMS

Chorionic somatomammotropin hormone like 1 (CSHL1); Human Chorionic somatomammotropin hormone like 1 (CSHL1) ELISA Kit; CSHL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CSHL1 elisa kit

Intended Uses: This CSHL1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CSHL1. This ELISA kit for research use only!

Principle of the Assay: CSHL1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CSHL1 antibody and an CSHL1-HRP conjugate. The assay sample and buffer are incubated together with CSHL1-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 CSHL1 concentration since CSHL1 from samples and CSHL1-HRP conjugate compete for the anti-CSHL1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CSHL1 from the sample, fewer sites are left to bind CSHL1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CSHL1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CSHL1
elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

UniProt Accession #

Q14406

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/human-elisa-kits/chorionic-somatotropin-hormone-like-1-cshl1/245981>