

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

Mouse Chorionic somatomammotropin hormone-like 1 (CSHL1) ELISA Kit

CATALOG #
AAA245284

REACTIVITY
Mouse

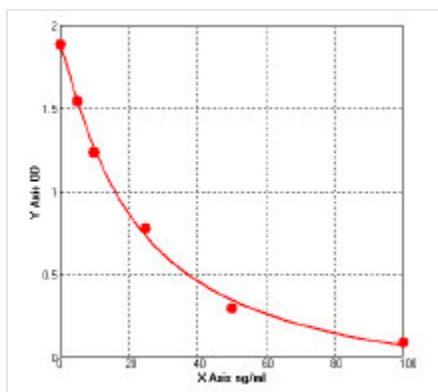
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CSHL1. No significant cross-reactivity or interference between CSHL1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CSHL1 and all the analogues, therefore, cross reaction may still exist in some cases.
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 Mouse CSHL1. This ELISA kit for research use only, not for therapeutic or test applications! 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

NCBI GI #	12545376
NCBI GeneID	1444
NCBI Accession #	NP_072101.1
NCBI GenBank Nucleotide #	NM_022579.1
Molecular Weight	14,875 Da
NCBI Official Full Name	chorionic somatomammotropin hormone-like 1 isoform 1
NCBI Official Synonym Full Names	chorionic somatomammotropin hormone-like 1
NCBI Official Symbol	CSHL1
NCBI Official Synonym Symbols	CSL; CS-5; CSHP1; hCS-L
NCBI Protein Information	chorionic somatomammotropin hormone-like 1; growth hormone cluster; chorionic somatomammotropin CS-5
UniProt Protein Name	Chorionic somatomammotropin hormone-like 1
UniProt Gene Name	CSHL1
UniProt Synonym Gene Names	CSHP1; CSL; Chorionic somatomammotropin-like
UniProt Entry Name	CSHL_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/chorionic-somatomammotropin-hormone-like-1-cshl1/245284>