

Rat Chorionic somatomammotropin hormone 2 (CSH2) ELISA Kit | CSH2 elisa kit

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CATALOG #
AAA244335

REACTIVITY
Rat

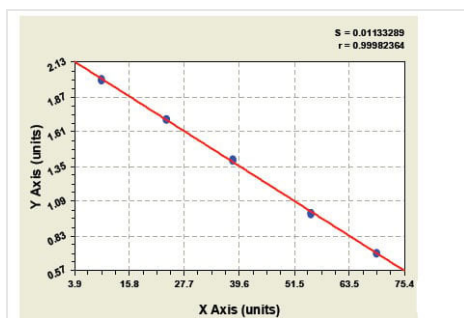
PRODUCT SYNONYMS

Chorionic somatomammotropin hormone 2 (CSH2); Rat Chorionic somatomammotropin hormone 2 (CSH2) ELISA Kit; CSH2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	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 CSH2 elisa kit

Intended Uses: This CSH2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat CSH2. This ELISA kit for research use only!

Principle of the Assay: CSH2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-CSH2 antibody and an CSH2-HRP conjugate. The assay sample and buffer are incubated together with CSH2-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 CSH2 concentration since CSH2 from samples and CSH2-HRP conjugate compete for the anti-CSH2 antibody binding site. Since the number of sites is limited, as more sites are occupied by CSH2 from the sample, fewer sites are left to bind CSH2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CSH2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CSH2 elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	12408692
NCBI GeneID	1443
NCBI Accession #	NP_072170.1
NCBI GenBank Nucleotide #	NM_022644.3
Molecular Weight	13,914 Da
NCBI Official Full Name	chorionic somatomammotropin hormone 2 isoform 2
NCBI Official Synonym Full Names	chorionic somatomammotropin hormone 2
NCBI Official Symbol	CSH2
NCBI Official Synonym Symbols	PL; CSB; CS-2; hCS-B
NCBI Protein Information	chorionic somatomammotropin hormone 2; lactogen; choriomammotropin; placental lactogen; chorionic somatomammotropin B
UniProt Protein Name	Chorionic somatomammotropin hormone 2
UniProt Gene Name	CSH2
UniProt Synonym Gene Names	Choriomammotropin; PL
UniProt Entry Name	CSH2_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.

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Online datasheet: <https://www.aaabiotech.com/rat-elisa-kits/chorionic-somatomammotropin-hormone-2-csh2/244335>