

Rat Transcription factor HES-1 (HES1) ELISA Kit | HES1 elisa kit

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CATALOG #
AAA245797

REACTIVITY
Rat

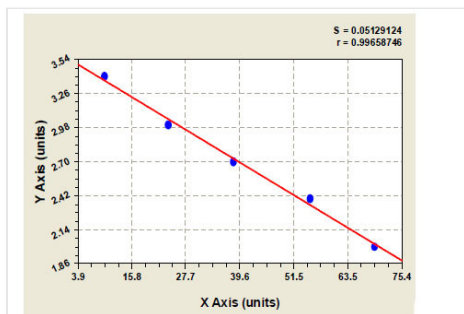
PRODUCT SYNONYMS

Transcription factor HES-1 (HES1); Rat Transcription factor HES-1 (HES1) ELISA Kit; HES1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HES1 elisa kit

Intended Uses: This HES1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat HES1. This ELISA kit for research use only!

Principle of the Assay||HES1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-HES1 antibody and an HES1 -HRP conjugate. The assay sample and buffer are incubated together with HES1 -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 HES1 concentration since HES1 from samples and HES1 -HRP conjugate compete for the anti-HES1 antibody binding site. Since the number of sites is limited, as more sites are occupied by HES1 from the sample, fewer sites are left to bind HES1 -HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HES1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for HES1 elisa kit

[Epigenetics and Nuclear Signaling](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031763
NCBI GeneID	3280
NCBI Accession #	NP_005515.1
NCBI GenBank Nucleotide #	NM_005524.3
Molecular Weight	29,541 Da
NCBI Official Full Name	transcription factor HES-1
NCBI Official Synonym Full Names	hes family bHLH transcription factor 1
NCBI Official Symbol	HES1
NCBI Official Synonym Symbols	HHL; HRY; HES-1; bHLHb39
NCBI Protein Information	transcription factor HES-1; hairy homolog; hairy-like protein; class B basic helix-loop-helix protein 39
UniProt Protein Name	Transcription factor HES-1
UniProt Gene Name	HES1
UniProt Synonym Gene Names	BHLHB39; HL; HRY; bHLHb39; hHL
UniProt Entry Name	HES1_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://stage.aaabiotech.com/rat-elisa-kits/transcription-factor-hes-1-hes1/245797>