

Bovine RE1-Silencing Transcription Factor (REST) ELISA Kit | REST elisa kit

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CATALOG #
AAA247528

REACTIVITY
Bovine

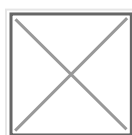
PRODUCT SYNONYMS

RE1-Silencing Transcription Factor (REST); Bovine RE1-Silencing Transcription Factor (REST) ELISA Kit; REST elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of REST. No significant cross-reactivity or interference between REST and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between REST and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	1097
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store at 2-8 degree C. The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for REST elisa kit

Intended Uses: This REST ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine REST. This ELISA kit for research use only, not for therapeutic or test applications!

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

Product Categories/Family for REST
elisa kit

Epigenetics and Nuclear Signaling; Neuroscience; Microbiology; Biochemicals

NCBI AND UNIPROT INFORMATION

NCBI GI #	1390157501
NCBI GeneID	5978
NCBI Accession #	NP_001350382.1
NCBI GenBank Nucleotide #	NM_001363453.1
UniProt Accession #	Q13127; Q12956; Q12957; Q13134; Q59ER1; Q8IWI3; A2RUE0; B9EGJ0
Molecular Weight	35,048 Da
NCBI Official Full Name	RE1-silencing transcription factor
NCBI Official Synonym Full Names	RE1 silencing transcription factor
NCBI Official Symbol	REST
NCBI Official Synonym Symbols	WT6; XBR; HGF5; NRSF; DFNA27; GINGF5
NCBI Protein Information	RE1-silencing transcription factor
UniProt Protein Name	RE1-silencing transcription factor
UniProt Gene Name	REST
UniProt Synonym Gene Names	NRSF; XBR

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/bovine-ovine-elisa-kits/re1-silencing-transcription-factor-rest/247528>