

Human RE1-silencing transcription factor ELISA Kit | REST elisa kit

Human RE1-silencing transcription factor, REST ELISA Kit

CATALOG #
AAA18185

REACTIVITY
Human

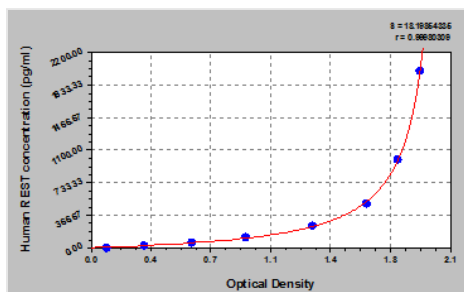
PRODUCT SYNONYMS

RE1-silencing transcription factor; Human RE1-silencing transcription factor; REST ELISA Kit; Human RE1-silencing transcription factor (REST) ELISA kit; NRSE; XBR; neuron restrictive silencer factor; repressor binding to the X2 box; REST elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human REST. No significant cross-reactivity or interference between human REST and analogues was observed.
Sequence Length	1097
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	< 7.81 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for REST elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for REST has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any REST present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for REST is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of REST bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	301897977
NCBI GeneID	5978
NCBI Accession #	NP_001180437.1
NCBI GenBank Nucleotide #	NM_001193508.1
UniProt Accession #	Q13127; Q12956; Q12957; Q13134; Q59ER1; Q8IWI3; A2RUE0; B9EGJ0
Molecular Weight	121,872 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	XBR; NRSF
NCBI Protein Information	RE1-silencing transcription factor; repressor binding to the X2 box; neural-restrictive silencer factor; neuron restrictive silencer factor; RE1-silencing transcription factor variant E1a/E2/E4; RE1-silencing transcription factor variant E1a/E2/E3/E5; RE1-silencing transcription factor variant E1b/E2/E3/E5; RE1-silencing transcription factor variant E1c/E2/E3/E5; RE1-silencing transcription factor variant E1a/E2/E3/E4c; RE1-silencing transcription factor variant E1c/E2g/E3/E4; RE1-silencing transcription factor variant E1a/E2/E3/N3c/E4; RE1-silencing transcription factor variant E1b/E2/E3/N3c/E4; RE1-silencing transcription factor variant E1a/E2/E3/N3a/E4i; RE1-silencing transcription factor variant E1b/E2/E3/N3b/E4i; RE1-silencing transcription factor variant E1b/E2c/E2j/E3/E4; RE1-silencing transcription factor variant E1a/E2k/E2i/E3/E4j
UniProt Protein Name	RE1-silencing transcription factor
UniProt Gene Name	REST
UniProt Synonym Gene Names	NRSF; XBR
UniProt Entry Name	REST_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/rest-human-elisa-kits/re1-silencing-transcription-factor/18185>