Rat V-Rel Reticuloendotheliosis Viral Oncogene Homolog A (RELA) ELISA Kit | RELA elisa kit

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CATALOG #	REACTIVITY
AAA65579	**Rat**

PRODUCT SYNONYMS

V-Rel Reticuloendotheliosis Viral Oncogene Homolog A (RELA); Rat V-Rel Reticuloendotheliosis Viral Oncogene Homolog A (RELA) ELISA Kit; NFKB3; p65; REL-A; Nuclear Factor Of Kappa Light Polypeptide Gene Enhancer In B-Cells 3; Transcription Factor P65; Nuclear factor NF-kappa-B p65 subunit; RELA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of RELA. No significant cross-reactivity or interference between RELA and analogues was observed.
Sequence Length	550
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.049ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level RELA were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level RELA were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RELA elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of RELA in rat Tissue homogenates, cell lysates and other biological fluids Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to RELA. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to RELA. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain RELA, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of RELA in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	40538870
NCBI GeneID	309165
NCBI Accession #	NP_954888.1
NCBI GenBank Nucleotide #	NM_199267.2
UniProt Accession #	Q7TQN4
Molecular Weight	60,267 Da
NCBI Official Full Name	transcription factor p65
NCBI Official Synonym Full Names	RELA proto-oncogene, NF-kB subunit
NCBI Official Symbol	Rela
NCBI Official Synonym Symbols	NFkB
NCBI Protein Information	transcription factor p65
UniProt Protein Name	Protein Rela
UniProt Gene Name	**Rela**

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/v-rel-reticuloendotheliosis-viral-oncogene-homolog-a-rela/65579