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

Human V-Rel Reticuloendotheliosis Viral Oncogene Homolog A (RELA) Mini Samples ELISA Kit

CATALOG #	REACTIVITY	APPLICATIONS
AAA188706	**Human**	**ELISA**

PRODUCT SYNONYMS

V-Rel Reticuloendotheliosis Viral Oncogene Homolog A (RELA); Human V-Rel Reticuloendotheliosis Viral Oncogene Homolog A (RELA) Mini Samples ELISA Kit; V-Rel Reticuloendotheliosis Viral Oncogene Homolog A; 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	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Mini Samples V-Rel Reticuloendotheliosis Viral Oncogene Homolog A (RELA). No significant cross-reactivity or interference between Mini Samples V-Rel Reticuloendotheliosis Viral Oncogene Homolog A (RELA) and analogues was observed.
Sequence Length	548
Assay Type	Double-antibody Sandwich
Samples	tissue homogenates, cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.058ng/mL
Applicable Applications for RELA elisa kit	ELISA
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Mini Samples V-Rel Reticuloendotheliosis Viral Oncogene Homolog A (RELA) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Mini Samples V-Rel Reticuloendotheliosis Viral Oncogene Homolog A (RELA) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Test Principle	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mini Samples V-Rel Reticuloendotheliosis Viral Oncogene Homolog A (RELA). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Mini Samples V-Rel Reticuloendotheliosis Viral Oncogene Homolog A (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 Mini Samples V-Rel Reticuloendotheliosis Viral Oncogene Homolog A (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 Mini Samples V-Rel Reticuloendotheliosis Viral Oncogene Homolog A (RELA) in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Preparation and Storage	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. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

NCBI AND UNIPROT INFORMATION

NCBI GI #	223468681
NCBI GeneID	5970
NCBI Accession #	NP_001138610.1
NCBI GenBank Nucleotide #	NP_001138610.1
UniProt Accession #	Q04206
NCBI Official Full Name	transcription factor p65 isoform 2
NCBI Official Synonym Full Names	RELA proto-oncogene, NF-kB subunit
NCBI Official Symbol	RELA
NCBI Official Synonym Symbols	p65; CMCU; NFKB3
NCBI Protein Information	transcription factor p65
UniProt Protein Name	Transcription factor p65
UniProt Gene Name	**RELA**
UniProt Synonym Gene Names	NFKB3
UniProt Entry Name	TF65_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/human-elisa-kits/v-rel-reticuloendotheliosis-viral-oncogene-homolog-a-rela/188706