V-Rel Reticuloendotheliosis Viral Oncogene Homolog A (RELA) ELISA Kit for Camel

PRODUCT OVERVIEW

Product Name	V-Rel Reticuloendotheliosis Viral Oncogene Homolog A (RELA), ELISA Kit
Full Product Name	Camel V-Rel Reticuloendotheliosis Viral Oncogene Homolog A ELISA Kit
Product Gene Name	RELA elisa kit
Species Reactivity	Camel
Preparation and Storage	Store all reagents at 2-8 degree C
Molecular Weight	62,134 Da
OMIM	604758
3D Structure	ModBase 3D Structure for Q01201
Related Product Information for RELA elisa kit	MBS065041 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the V-Rel Reticuloendotheliosis Viral Oncogene Homolog A (RELA) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing RELA. The ELISA analytical biochemical technique of the MBS065041 kit is based on RELA antibody-RELA antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect RELA antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, RELA. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of RELA elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RELA. It may not necessarily be applicable to this product.

NCBI GI #	119577720
NCBI GeneID	5971
NCBI Accession #	EAW57316.1
UniProt Primary Accession #	Q01201
UniProt Secondary Accession #	Q6GTX7; Q9UEI7
UniProt Related Accession #	Q01201
NCBI Official Full Name	v-rel reticuloendotheliosis viral oncogene homolog B, nuclear factor of kappa light polypeptide gene enhancer in B-cells 3 (avian)
NCBI Official Synonym Full Names	v-rel avian reticuloendotheliosis viral oncogene homolog B
NCBI Official Symbol	RELB
NCBI Official Synonym Symbols	IREL; I-REL; REL-B
UniProt Protein Name	Transcription factor RelB
UniProt Synonym Protein Names	I-Rel
Protein Family	Bifunctional (p)ppGpp synthase/hydrolase

UniProt Gene Name	RELB
UniProt Entry Name	RELB_HUMAN
NCBI Protein Information	transcription factor RelB; v-rel reticuloendotheliosis viral oncogene homolog B, nuclear factor of kappa light polypeptide gene enhancer in B-cells 3; v-rel avian reticuloendotheliosis viral oncogene homolog B (nuclear factor of kappa light polypeptide gene enhancer in B-cells 3)
UniProt Comments for RELA	RELB: a transcription factor of the nuclear factor-kappaB (NFkB) transcription complex. Stimulates promoter activity in the presence NFkB1/NFkB-p50. Plays role in regulation of apoptosis in hepatocellular carcinoma through activation of downstream target genes. Does not associate with DNA or RelA/NFkB-p65. Protein type: Transcription factor Chromosomal Location of Human Ortholog: 19q13.32 Cellular Component: nucleoplasm; cytoplasm; microtubule organizing center; cytosol Molecular Function: protein binding; chromatin binding; transcription corepressor activity; transcription factor activity Biological Process: transcription from RNA polymerase II promoter; antigen processing and presentation; I-kappaB kinase/NF-kappaB cascade; response to cytokine stimulus; T-helper 1 cell differentiation; innate immune response; positive regulation of transcription from RNA polymerase II promoter; myeloid dendritic cell differentiation; circadian regulation of gene expression; negative regulation of transcription from RNA polymerase II promoter; inflammatory response
Research Articles on RELA	**1.** RelB, together with RelA, sustains cell survival and confers proteasome inhibitor sensitivity of chronic lymphocytic leukemia cells from bone marrow.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/rela-camel-elisa-kits/v-rel-reticuloendotheliosis-viral-oncogene-homolog-a/65041