Interleukin 31 (IL-31) ELISA Kit for Camel

PRODUCT OVERVIEW

Product Name	Interleukin 31 (IL-31), ELISA Kit
Full Product Name	Camel Interleukin 31 ELISA Kit
Product Gene Name	IL-31 elisa kit
Species Reactivity	Camel
Preparation and Storage	Store all reagents at 2-8 degree C
Molecular Weight	18,205 Da
Chromosome Location	Chromosome: 12; NC_000012.11 (122656577..122658746, complement). Location: 12q24.31
OMIM	609509
3D Structure	ModBase 3D Structure for Q6EBC2
Related Product Information for IL-31 elisa kit	MBS074686 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Interleukin 31 (IL-31) 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 IL-31. The ELISA analytical biochemical technique of the MBS074686 kit is based on IL-31 antibody-IL-31 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect IL-31 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, IL-31. 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 IL-31 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 IL-31. It may not necessarily be applicable to this product.

NCBI GI #	62122911
NCBI GeneID	386653
NCBI Accession #	NP_001014358.1
UniProt Primary Accession #	Q6EBC2
UniProt Secondary Accession #	A2RUQ1
UniProt Related Accession #	Q6EBC2
GenBank Nucleotide #	NM_001014336.1
NCBI Official Full Name	interleukin-31
NCBI Official Synonym Full Names	interleukin 31
NCBI Official Symbol	IL31
NCBI Official Synonym Symbols	IL-31
UniProt Protein Name	Interleukin-31
Protein Family	Interleukin-31 receptor

UniProt Gene Name	IL31
UniProt Synonym Gene Names	IL-31
UniProt Entry Name	IL31_HUMAN
NCBI Protein Information	interleukin-31
NCBI Summary for IL-31	IL31, which is made principally by activated Th2-type T cells, interacts with a heterodimeric receptor consisting of IL31RA (MIM 609510) and OSMR (MIM 601743) that is constitutively expressed on epithelial cells and keratinocytes. IL31 may be involved in the promotion of allergic skin disorders and in regulating other allergic diseases, such as asthma (Dillon et al., 2004 [PubMed 15184896]).[supplied by OMIM, Mar 2008]
UniProt Comments for IL-31	IL31: Activates STAT3 and possibly STAT1 and STAT5 through the IL31 heterodimeric receptor composed of IL31RA and OSMR. IL31 may function in skin immunity. Protein type: Secreted; Cytokine; Secreted, signal peptide Chromosomal Location of Human Ortholog: 12q24.31 Cellular Component: extracellular space Molecular Function: cytokine activity Biological Process: immune system process
Research Articles on IL-31	**1.** IL-31-631 T>G polymorphism was significantly associated with IL-31 blood level but not with disease susceptibility.
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/il-31-camel-elisa-kits/interleukin-31/74686