

Murine IL-31 ELISA Kit | IL-31 elisa kit

Murine IL-3Pre-Coated ELISA Kit

CATALOG #
AAA79425

REACTIVITY
Murine

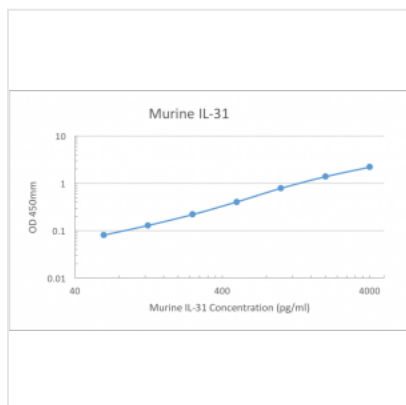
PRODUCT SYNONYMS

IL-31; Murine IL-3Pre-Coated ELISA Kit; IL-31 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Murine
Specificity	Natural and recombinant Murine IL-31 Pre-Coated ELISA Kit
Assay Type	Solid Phase Sandwich ELISA: 96-Well Strip Plate
Detection Range	62.5pg/ml-4000pg/ml
Sensitivity	<10pg/ml
Components	Anti-Murine IL-31 Pre-coated 96-well strip microplate Murine IL-31 Standard Murine IL-31 Biotinylated antibody (100x) Avidin-Biotin-Peroxidase Complex (100x) Sample Diluent Antibody Diluent Avidin-Biotin-Peroxidase Diluent Wash Buffer Concentrate (Powder for 1000mL) Color Developing Reagent Stop Solution Plate Sealers
Interference	No detectable cross-reactivity with other relevant proteins
Preparation and Storage	Store the unopened product at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-31 elisa kit	IL-31 is a T cell-derived cytokine that shares several structural and functional characteristics with IL-6, Oncostatin M, LIF, and Cardiotrophin-1. It signals through a receptor complex comprised of GPL (also known as gp130-like receptor or IL-31RA) and Oncostatin-M receptor (OSMR). GPL/OSMR signaling is a strong activator of STAT3 and STAT5, and can also activate STAT1, JAK1, and JAK2 signaling pathways. IL-31-regulated immune responses have been implicated in skin physiology and inflammatory skin diseases. Murine IL-31 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure IL-31 with a 96-well strip plate that is pre-coated with mouse monoclonal antibody specific for IL-31. It contains E Coli-expressed recombinant IL-31. The detection antibody is a biotinylated goat polyclonal antibody specific for IL-31. The kit is analytically validated with ready to use reagents.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	247301073
NCBI GeneID	76399
NCBI Accession #	NP_083870.1
NCBI GenBank Nucleotide #	NM_029594.1
UniProt Accession #	Q6EAL8
Molecular Weight	18,120 Da
NCBI Official Full Name	interleukin-31
NCBI Official Synonym Full Names	interleukin 31
NCBI Official Symbol	IL31
NCBI Official Synonym Symbols	1700013B14Rik
NCBI Protein Information	interleukin-31; IL-31
UniProt Protein Name	Interleukin-31
UniProt Gene Name	IL31
UniProt Synonym Gene Names	IL-31
UniProt Entry Name	IL31_MOUSE

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/murine-elisa-kits/il-31/79425>