

Mouse interleukin 31 ELISA Kit | IL31 elisa kit

Mouse Interleukin 31, IL-31 ELISA Kit

CATALOG #
AAA79837

REACTIVITY
Mouse

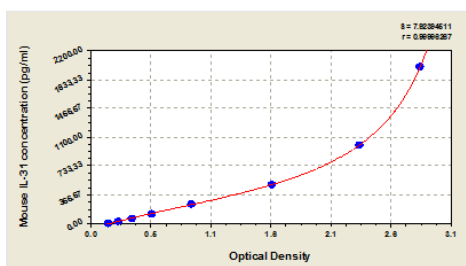
PRODUCT SYNONYMS

interleukin 31; Mouse Interleukin 31; IL-31 ELISA Kit; Mouse Interleukin 31 (IL-31) ELISA Kit; IL-31; ; IL31 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse IL-31. No significant cross-reactivity or interference between mouse IL-31 and analogues was observed.
Sequence Length	163
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	< 7.81 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL31 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL-31 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-31 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL-31 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IL-31 bound in the initial step. The color development is stopped and the intensity of the color is measured.

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/il31-mouse-elisa-kits/interleukin-31/79837>