

Human interleukin 31 ELISA Kit | IL31 elisa kit

Human Interleukin 31, IL-31 ELISA Kit

CATALOG #
AAA80929

REACTIVITY
Human

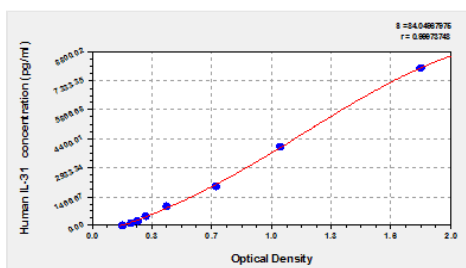
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human IL-31. No significant cross-reactivity or interference between human IL-31 and analogues was observed.
Sequence Length	164
Samples	Serum, plasma.
Assay Type	Sandwich
Detection Range	125 pg/ml -8000 pg/ml.
Sensitivity	31.25 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 #	62122911
NCBI GeneID	386653
NCBI Accession #	NP_001014358.1
NCBI GenBank Nucleotide #	NM_001014336.1
UniProt Accession #	Q6EBC2; A2RUQ1
Molecular Weight	18,205 Da
NCBI Official Full Name	interleukin-31
NCBI Official Synonym Full Names	interleukin 31
NCBI Official Symbol	IL31
NCBI Official Synonym Symbols	IL-31
NCBI Protein Information	interleukin-31
UniProt Protein Name	Interleukin-31
UniProt Gene Name	IL31
UniProt Synonym Gene Names	IL-31
UniProt Entry Name	IL31_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/il31-human-elisa-kits/interleukin-31/80929>