

Rat interleukin 13 ELISA Kit | IL13 elisa kit

Rat Interleukin 13, IL-13 ELISA Kit

CATALOG #
AAA80727

REACTIVITY
Rat

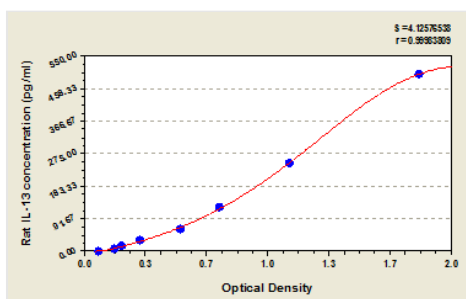
PRODUCT SYNONYMS

interleukin 13; Rat Interleukin 13; IL-13 ELISA Kit; IL-13 ELISA KIT; ALRH; BHR1; IL-13; MGC116786; MGC116788; MGC116789; P600; ; IL13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat IL-13. No significant cross-reactivity or interference between rat IL-13 and analogues was observed.
Sequence Length	131
Samples	Serum, plasma, cell culture supernates and tissue homogenates
Assay Type	Sandwich
Detection Range	7.8 pg/ml-500 pg/ml
Sensitivity	1.95 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 IL13 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL-13 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-13 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL-13 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-13 bound in the initial step. The color development is stopped and the intensity of the color is measured.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	16758680
NCBI GeneID	116553
NCBI Accession #	NP_446280.1
NCBI GenBank Nucleotide #	NM_053828.1
UniProt Accession #	P42203
Molecular Weight	14,093 Da
NCBI Official Full Name	interleukin-13
NCBI Official Synonym Full Names	interleukin 13
NCBI Official Symbol	IL13
NCBI Protein Information	interleukin-13; IL-13; T-cell activation protein P600
UniProt Protein Name	Interleukin-13
UniProt Gene Name	IL13
UniProt Synonym Gene Names	IL-13; IL-13
UniProt Entry Name	IL13_RAT

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.