

Rat IL-13 ELISA Kit | IL-13 elisa kit

Rat IL-13 Pre-Coated ELISA Kit

CATALOG #
AAA79411

REACTIVITY
Rat

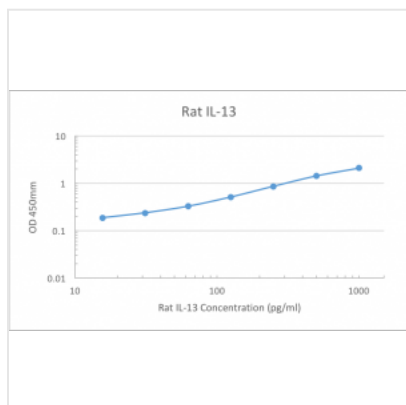
PRODUCT SYNONYMS

IL-13; Rat IL-13 Pre-Coated ELISA Kit; IL-13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Natural and recombinant Rat IL-13
Assay Type	Solid Phase Sandwich ELISA: 96-Well Strip Plate
Detection Range	15.6pg/ml-1000pg/ml
Sensitivity	<1pg/ml
Components	Anti-Rat IL-13 Pre-coated 96-well strip microplate Rat IL-13 Standard Rat IL-13 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-13 elisa kit	IL-13 is an immunoregulatory cytokine produced primarily by activated Th2 cells, and also by mast cells and NK cells. Targeted deletion of IL-13 in mice resulted in impaired Th2 cell development and indicated an important role for IL-13 in the expulsion of gastrointestinal parasites. IL-13 exerts anti-inflammatory effects on monocytes and macrophages and it inhibits the expression of inflammatory cytokines such as IL-1beta, TNF-alpha, IL-6 and IL-8. IL-13 has also been shown to enhance B cell proliferation and to induce isotype switching, resulting in increased production of IgE. Blocking of IL-13 activity inhibits the pathophysiology of asthma. Rat IL-13 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure IL-13 with a 96-well strip plate that is pre-coated with mouse monoclonal antibody specific for IL-13. It contains E Coli-expressed recombinant IL-13. The detection antibody is a biotinylated goat polyclonal antibody specific for IL-13. The kit is analytically validated with ready to use reagents.
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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.