

Guinea Pig interleukin 13, IL-13 ELISA Kit | IL-13 elisa kit

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CATALOG #
AAA80662

REACTIVITY
Guinea Pig

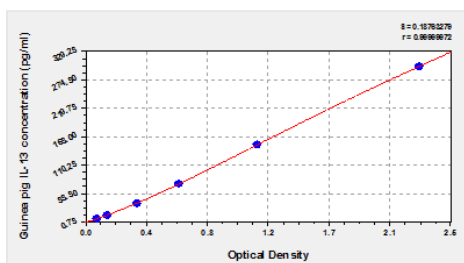
PRODUCT SYNONYMS

interleukin 13; IL-13; Guinea Pig interleukin 13; IL-13 ELISA Kit; Guinea pig interleukin 13; IL-13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of guinea pig IL-13. No significant cross-reactivity or interference between guinea pig IL-13 and analogues was observed.
Sequence Length	132
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	7.5 pg/ml -300 pg/ml.
Sensitivity	The minimum detectable dose of guinea pig IL-13 is typically less than 3.75 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest guinea pig IL-13 concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay	Inter-assay Precision (Precision between assays): CV%<15%. 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 IL-13 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 with a Horseradish Peroxidase (HRP) conjugated antibody specific for IL-13. Following a wash to remove any unbound 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1045452
NCBI GeneID	3596
UniProt Accession #	P35225; O43644; Q4VB52; Q9UDC7
Molecular Weight	15,816 Da
NCBI Official Full Name	interleukin-13
NCBI Official Synonym Full Names	interleukin 13
NCBI Official Symbol	IL13
NCBI Official Synonym Symbols	P600; IL-13
NCBI Protein Information	interleukin-13
UniProt Protein Name	Interleukin-13
UniProt Gene Name	IL13
UniProt Synonym Gene Names	NC30; IL-13
UniProt Entry Name	IL13_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.