

Rat interleukin 34 ELISA Kit | IL34 elisa kit

Rat Interleukin-34, IL34 ELISA Kit

CATALOG #
AAA112383

REACTIVITY
Rat

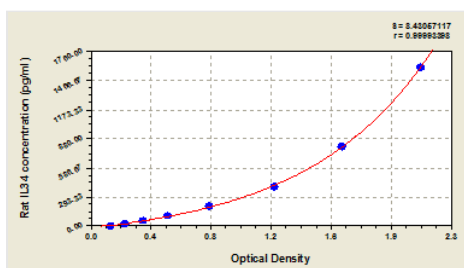
PRODUCT SYNONYMS

interleukin 34; Rat Interleukin-34; IL34 ELISA Kit; Rat Interleukin-34 (IL34) ELISA kit; C16orf77; IL-34; MGC34647; ; IL34 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat IL34. No significant cross-reactivity or interference between rat IL34 and analogues was observed.
Sequence Length	234
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	25 pg/ml -1600 pg/ml.
Sensitivity	The minimum detectable dose of rat IL34 is typically less than 6.25 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein 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%<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 IL34 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL34 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL34 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL34 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 IL34 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 #	71043738
NCBI GeneID	498951
NCBI Accession #	NP_001020937.1
NCBI GenBank Nucleotide #	NM_001025766.1
UniProt Accession #	Q4KM46
Molecular Weight	26,772 Da
NCBI Official Full Name	interleukin-34
NCBI Official Synonym Full Names	interleukin 34
NCBI Official Symbol	IL34
NCBI Protein Information	interleukin-34; IL-34
UniProt Protein Name	Interleukin-34
UniProt Gene Name	IL34
UniProt Synonym Gene Names	IL-34
UniProt Entry Name	IL34_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.

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Online datasheet: <https://stage.aaabiotech.com/il34-rat-elisa-kits/interleukin-34/112383>