

Human interleukin 9 ELISA Kit | IL9 elisa kit

Human Interleukin 9, IL-9 ELISA Kit

CATALOG #
AAA80068

REACTIVITY
Human

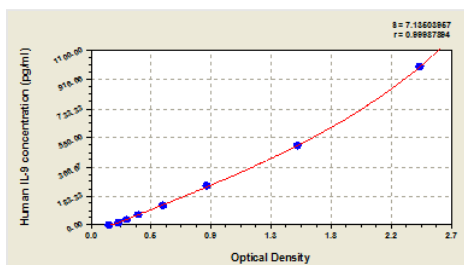
PRODUCT SYNONYMS

interleukin 9; Human Interleukin 9; IL-9 ELISA Kit; IL-9 ELISA KIT; HP40; IL-9; P40; T-cell growth factor p40; homolog of mouse T cell and mast cell growth factor 40; p40 T-cell and mast cell growth factor; p40 cytokine; IL9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human IL9. No significant cross-reactivity or interference between Human IL9 and analogues was observed.
Sequence Length	144
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Sandwich
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	3.9 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
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 IL9 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL-9 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-9 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL-9 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-9 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 #	10834980
NCBI GeneID	3578
NCBI Accession #	NP_000581.1
NCBI GenBank Nucleotide #	NM_000590.1
UniProt Accession #	P15248
Molecular Weight	15,909 Da
NCBI Official Full Name	interleukin-9
NCBI Official Synonym Full Names	interleukin 9
NCBI Official Symbol	IL9
NCBI Official Synonym Symbols	P40; HP40; IL-9
NCBI Protein Information	interleukin-9; cytokine P40; p40 cytokine; T-cell growth factor p40; p40 T-cell and mast cell growth factor; homolog of mouse T cell and mast cell growth factor 40
UniProt Protein Name	Interleukin-9
UniProt Gene Name	IL9
UniProt Synonym Gene Names	IL-9
UniProt Entry Name	IL9_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.