

Human IL-4 ELISA Kit | IL-4 elisa kit

Human IL-4 (Interleukin 4) ELISA Kit

CATALOG #
AAA164918

REACTIVITY
Human

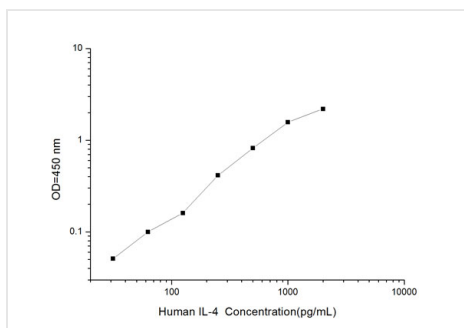
PRODUCT SYNONYMS

IL-4; Human IL-4 (Interleukin 4) ELISA Kit; IL-4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human IL-4. No significant cross-reactivity or interference between Human IL-4 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human IL-4 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	133
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-4 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IL-4 in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human IL-4. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human IL-4 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human IL-4, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human IL-4. You can calculate the concentration of Human IL-4 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55742622
NCBI GeneID	397225
NCBI Accession #	NP_999288.1
NCBI GenBank Nucleotide #	NM_214123.1
UniProt Accession #	Q04745; Q29054; Q8MKE6
Molecular Weight	15,023 Da
NCBI Official Full Name	interleukin-4
NCBI Official Symbol	IL4
NCBI Protein Information	interleukin-4; B-cell stimulatory factor 1; BSF-1; IL-4; lymphocyte stimulatory factor 1
UniProt Protein Name	Interleukin-4
UniProt Gene Name	IL4
UniProt Synonym Gene Names	IL-4; BSF-1
UniProt Entry Name	IL4_PIG

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/il-4/164918>