

Human Interleukin 25 ELISA Kit | IL 25 elisa kit

Human Interleukin 25 ELISA Kit

CATALOG #
AAA95394

REACTIVITY
Human

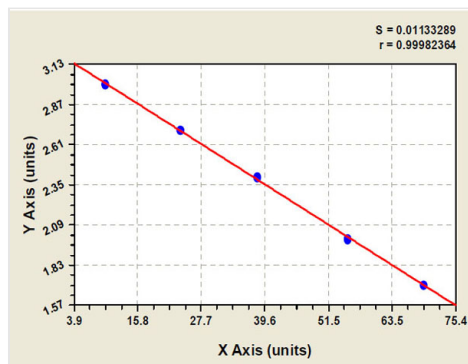
PRODUCT SYNONYMS

Interleukin 25; Human Interleukin 25 ELISA Kit; IL 25 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL 25 elisa kit

Intended Uses: This IL-25 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human IL-25. This ELISA kit for research use only!

Principle of the Assay: IL-25 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-IL-25 antibody and an IL-25-HRP conjugate. The assay sample and buffer are incubated together with IL-25-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the IL-25 concentration since IL-25 from samples and IL-25-HRP conjugate compete for the anti-IL-25 antibody binding site. Since the number of sites is limited, as more sites are occupied by IL-25 from the sample, fewer sites are left to bind IL-25-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL-25 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27477081
NCBI GeneID	64806
NCBI Accession #	NP_758525.1
NCBI GenBank Nucleotide #	NM_172314.1
Molecular Weight	18,523 Da
NCBI Official Full Name	interleukin-25 isoform 2
NCBI Official Synonym Full Names	interleukin 25
NCBI Official Symbol	IL25
NCBI Official Synonym Symbols	IL17E
NCBI Protein Information	interleukin-25; interleukin-17E
UniProt Protein Name	Interleukin-25
UniProt Gene Name	IL25
UniProt Synonym Gene Names	IL17E; UNQ3120/PRO10272; IL-25; IL-17E
UniProt Entry Name	IL25_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.