

Human Interleukin 12 p35 ELISA Kit | IL 12p35 elisa kit

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CATALOG #
AAA87993

REACTIVITY
Human

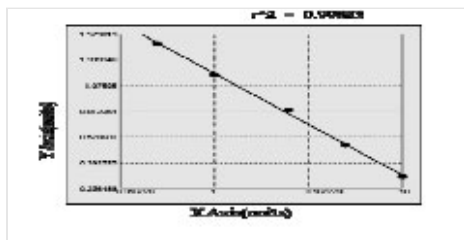
PRODUCT SYNONYMS

Interleukin 12 p35; Human Interleukin 12 p35 ELISA Kit; IL 12p35 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
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 12p35 elisa kit

Intended Uses||This IL-12p35 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human IL-12p35. This ELISA kit for research use only!

Principle of the Assay: IL-12p35 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-IL-12p35 antibody and an IL-12p35-HRP conjugate. The assay sample and buffer are incubated together with IL-12p35-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-12p35 concentration since IL-12p35 from samples and IL-12p35-HRP conjugate compete for the anti-IL-12p35 antibody binding site. Since the number of sites is limited, as more sites are occupied by IL-12p35 from the sample, fewer sites are left to bind IL-12p35-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL-12p35 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for IL 12p35 elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	113472827
Molecular Weight	7,886 Da
NCBI Official Full Name	interleukin 12 polypeptide 35, partial
UniProt Protein Name	Interleukin 12 polypeptide 35
UniProt Gene Name	IL12
UniProt Entry Name	Q0GA55_BUBBU

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://www.aaabiotech.com/il-12p35-human-elisa-kits/interleukin-12-p35/87993>