

Human IL-12 p40 ELISA Kit | IL-12 p40 elisa kit

Human IL-12 p40 (Interleukin 12 p40) ELISA Kit

CATALOG #
AAA163703

REACTIVITY
Human

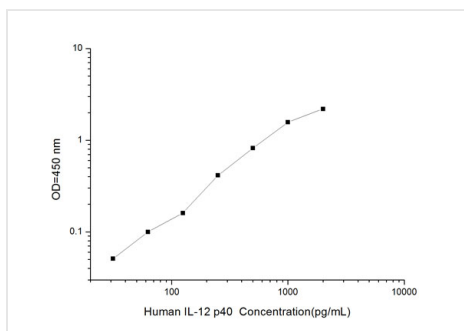
PRODUCT SYNONYMS

IL-12 p40; Human IL-12 p40 (Interleukin 12 p40) ELISA Kit; IL-12 p40 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human IL-12 p40. No significant cross-reactivity or interference between Human IL-12 p40 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-12 p40 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	335
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-12 p40 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IL-12 p40 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-12 p40. 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-12 p40 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-12 p40, 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-12 p40. You can calculate the concentration of Human IL-12 p40 in the samples by comparing the OD of the samples to the standard curve.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	6680397
NCBI GeneID	16160
NCBI Accession #	NP_032378.1
NCBI GenBank Nucleotide #	NM_008352.2
UniProt Accession #	P43432; Q9QUM1
Molecular Weight	38,235 Da
NCBI Official Synonym Full Names	interleukin 12b
NCBI Official Symbol	IL12b
NCBI Official Synonym Symbols	p40; IL-12b; IL12p40; IL-12p40
NCBI Protein Information	interleukin-12 subunit beta
UniProt Protein Name	Interleukin-12 subunit beta
UniProt Gene Name	IL12b
UniProt Synonym Gene Names	IL-12B; CLMF p40
UniProt Entry Name	IL12B_MOUSE

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-12-p40/163703>