

Goat Anti-Interleukin 10 ELISA Kit | IL-10 elisa kit

Goat Anti-Interleukin 10 ELISA Kit

CATALOG #
AAA97576

REACTIVITY
Goat

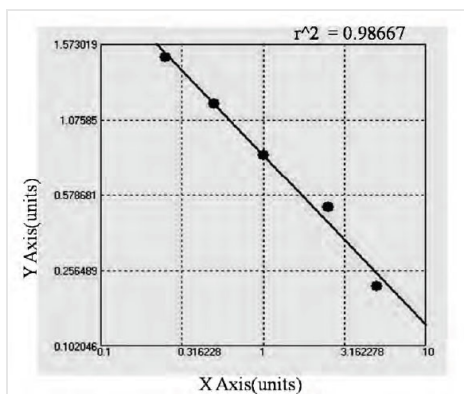
PRODUCT SYNONYMS

Anti-Interleukin 10; Goat Anti-Interleukin 10 ELISA Kit; IL-10 elisa kit

PRODUCT SPECIFICATIONS

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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-10 elisa kit

Principle of the assay: IL-10Ab ELISA kit applies the competitive enzyme immunoassay technique utilizing Interleukin 10 antigen and an IL-10Ab-HRP conjugate. The assay sample and buffer are incubated together with IL-10Ab-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-10Ab concentration since IL-10Ab from samples and IL-10Ab-HRP conjugate compete for the Interleukin 10 antigen binding site. Since the number of sites is limited, as more sites are occupied by IL-10Ab from the sample, fewer sites are left to bind IL-10Ab-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL-10Ab concentration in each sample is interpolated from this standard curve.

Product Categories/Family for IL-10 elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	21492460
NCBI GeneID	944684
NCBI Accession #	NP_659579.1
NCBI GenBank Nucleotide #	NC_004002.1
NCBI Official Full Name	IL-10
NCBI Official Symbol	SPPV_03
NCBI Protein Information	IL-10

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/il-10-goat-elisa-kits/anti-interleukin-10/97576>