

Monkey Interleukin 17E ELISA Kit | IL-17E elisa kit

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CATALOG #
AAA94726

REACTIVITY
Monkey

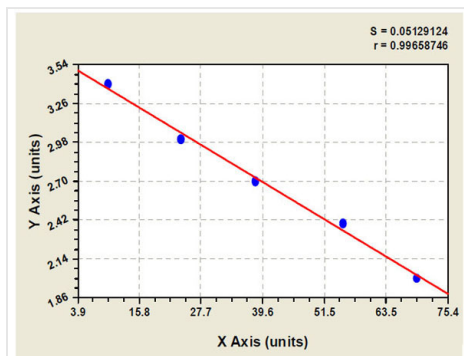
PRODUCT SYNONYMS

Interleukin 17E; Monkey Interleukin 17E ELISA Kit; IL-17E elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of IL-17E. No significant cross-reactivity or interference between IL-17E and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between IL-17E and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
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-17E elisa kit	Principle of the Assay: IL-17E ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-IL-17E antibody and an IL-17E-HRP conjugate. The assay sample and buffer are incubated together with IL-17E-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-17E concentration since IL-17E from samples and IL-17E-HRP conjugate compete for the anti-IL-17E antibody binding site. Since the number of sites is limited, as more sites are occupied by IL-17E from the sample, fewer sites are left to bind IL-17E-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL-17E concentration in each sample is interpolated from this standard curve. Intended Uses: This IL-17E ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey IL-17E. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for IL-17E elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	37183370
NCBI GeneID	64806
Molecular Weight	18,523 Da
NCBI Official Full Name	IL17E
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.