

Rat Interleukin 17B (IL17B) ELISA Kit | IL17B elisa kit

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CATALOG #
AAA63867

REACTIVITY
Rat

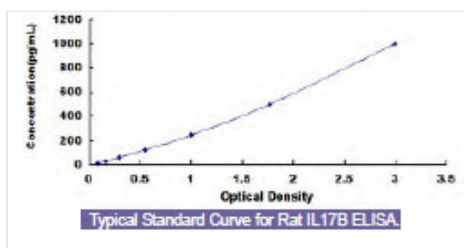
PRODUCT SYNONYMS

Interleukin 17B (IL17B); Rat Interleukin 17B (IL17B) ELISA Kit; IL-20; Cytokine Zcyto7; Neuronal interleukin-17-related factor; IL17B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of IL17B. No significant cross-reactivity or interference between IL17B and analogues was observed.
Sequence Length	180
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	6.4pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level IL17B were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level IL17B were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL17B elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IL17B in rat serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IL17B. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to IL17B. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain IL17B, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of IL17B in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	281371353
NCBI GeneID	116472
NCBI Accession #	NP_446241.1
NCBI GenBank Nucleotide #	NM_053789.1
UniProt Accession #	G3V8K9
Molecular Weight	20,356 Da
NCBI Official Full Name	interleukin-17B
NCBI Official Synonym Full Names	interleukin 17B
NCBI Official Symbol	IL17b
NCBI Protein Information	interleukin-17B
UniProt Protein Name	Interleukin 17B, isoform CRA_a
UniProt Gene Name	IL17b

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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/interleukin-17b-il17b/63867>