

Rat Interleukin 17B (IL17B) CLIA Kit | IL17B clia kit

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CATALOG #
AAA129823

REACTIVITY
Rat

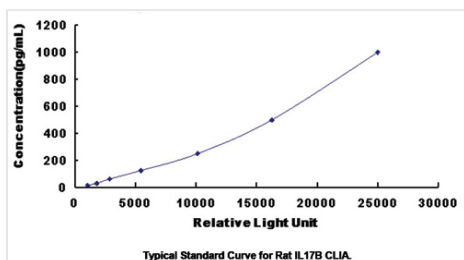
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Interleukin 17B (IL17B). No significant cross-reactivity or interference between Interleukin 17B (IL17B) and analogues was observed.
Sequence Length	180
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma and other biological fluids
Detection Range	1.37-1,000pg/mL
Sensitivity	0.51pg/mL
Application	Chemiluminescent immunoassay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Interleukin 17B (IL17B) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Interleukin 17B (IL17B) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL17B clia kit	The microplate provided in this kit has been pre-coated with an antibody specific to Interleukin 17B (IL17B). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Interleukin 17B (IL17B). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Interleukin 17B (IL17B) level in the sample or standard.;
Product Categories/Family for IL17B clia kit	Cytokine; Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657228
NCBI GeneID	27190
NCBI Accession #	NP_055258.1
NCBI GenBank Nucleotide #	NM_014443.2
UniProt Accession #	Q9UHF5; Q14CE5
Molecular Weight	20,437 Da
NCBI Official Full Name	interleukin-17B
NCBI Official Synonym Full Names	interleukin 17B
NCBI Official Symbol	IL17B
NCBI Official Synonym Symbols	NIRF; IL-20; IL-17B; ZCYTO7
NCBI Protein Information	interleukin-17B
UniProt Protein Name	Interleukin-17B
UniProt Gene Name	IL17B
UniProt Synonym Gene Names	IL20; NIRF; ZCYTO7; IL-17B; IL-20
UniProt Entry Name	IL17B_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-clia-kits/interleukin-17b-il17b/129823>