

Rat Interleukin 25 (IL25) CLIA Kit | IL25 clia kit

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CATALOG # AAA189039	REACTIVITY Rat	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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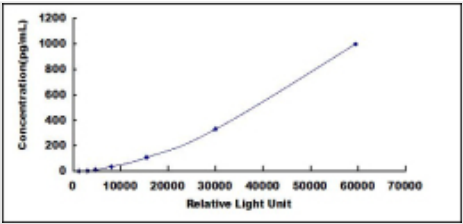
PRODUCT SYNONYMS

Interleukin 25 (IL25); Rat Interleukin 25 (IL25) CLIA Kit; Interleukin 25; IL17E; IL17-E; Interleukin-17E; IL25 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Interleukin 25 (IL25). No significant cross-reactivity or interference between Interleukin 25 (IL25) and analogues was observed.
Sequence Length	169
Assay Type	Double-antibody Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Detection Range	1.37-1,000pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.47pg/mL
Applicable Applications for IL25 clia kit	CLIA (Chemiluminescence Immunoassay)
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Interleukin 25 (IL25) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Interleukin 25 (IL25) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Test Principle	The microplate provided in this kit has been pre-coated with an antibody specific to Interleukin 25 (IL25). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Interleukin 25 (IL25). 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 25 (IL25) level in the sample or standard.
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	300795698
NCBI GeneID	501996
NCBI Accession #	NP_001178936.1
NCBI GenBank Nucleotide #	NP_001178936.1
UniProt Accession #	D3ZLB1
NCBI Official Full Name	interleukin-25
NCBI Official Synonym Full Names	interleukin 25
NCBI Official Symbol	IL25
NCBI Official Synonym Symbols	RGD1561632
NCBI Protein Information	interleukin-25
UniProt Protein Name	Protein IL25
UniProt Gene Name	IL25

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-clia-kits/interleukin-25-il25/189039>