

Mouse Interleukin 35 (IL35) CLIA Kit | IL35 clia kit

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CATALOG #	REACTIVITY	APPLICATIONS
AAA189064	Mouse	CLIA (Chemiluminescence Immunoassay)

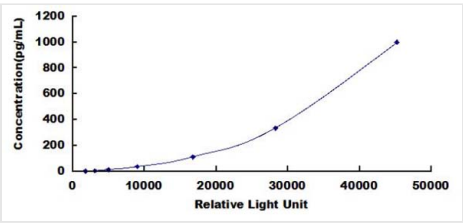
PRODUCT SYNONYMS

Interleukin 35 (IL35); Mouse Interleukin 35 (IL35) CLIA Kit; Interleukin 35; IL35 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Interleukin 35 (IL35). No significant cross-reactivity or interference between Interleukin 35 (IL35) and analogues was observed.
Sequence Length	236
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 0.52pg/mL
Applicable Applications for IL35 clia kit	CLIA (Chemiluminescence Immunoassay)
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Interleukin 35 (IL35) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Interleukin 35 (IL35) 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 35 (IL35). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Interleukin 35 (IL35). 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 35 (IL35) 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 #	226874945
NCBI GeneID	16159
NCBI Accession #	NP_001152896.1
NCBI GenBank Nucleotide #	NP_001152896.1
UniProt Accession #	P43431
NCBI Official Full Name	interleukin-12 subunit alpha isoform 1
NCBI Official Synonym Full Names	interleukin 12a
NCBI Official Symbol	IL12a
NCBI Official Synonym Symbols	p35; LI12a; IL-12a; IL-12p35
NCBI Protein Information	interleukin-12 subunit alpha
UniProt Protein Name	Interleukin-12 subunit alpha
UniProt Gene Name	IL12a
UniProt Synonym Gene Names	IL-12A; CLMF p35
UniProt Entry Name	IL12A_MOUSE

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/mouse-clia-kits/interleukin-35-il35/189064>