

Rat Interleukin 12A (IL12A) ELISA Kit | IL12A elisa kit

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CATALOG #
AAA64459

REACTIVITY
Rat

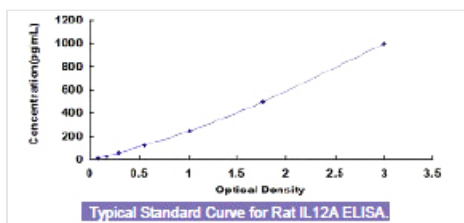
PRODUCT SYNONYMS

Interleukin 12A (IL12A); Rat Interleukin 12A (IL12A) ELISA Kit; IL12A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of IL12A. No significant cross-reactivity or interference between IL12A and analogues was observed.
Sequence Length	191
Samples	Rat serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	<6.1pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level IL12A 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 IL12A were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL12A elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IL12A in rat serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IL12A. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to IL12A. 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 IL12A, 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 IL12A in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38639052
NCBI Official Full Name	interleukin-12a

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://www.aaabiotech.com/rat-elisa-kits/interleukin-12a-il12a/64459>