

Rat Interleukin 22 Receptor Alpha 2 (IL22Ra2) ELISA Kit | IL22Ra2 elisa kit

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CATALOG #
AAA66527

REACTIVITY
Rat

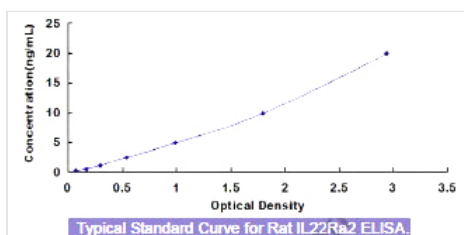
PRODUCT SYNONYMS

Interleukin 22 Receptor Alpha 2 (IL22Ra2); Rat Interleukin 22 Receptor Alpha 2 (IL22Ra2) ELISA Kit; IL22Ra2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of IL22Ra2. No significant cross-reactivity or interference between IL22Ra2 and analogues was observed.
Sequence Length	229
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.105ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level IL22Ra2 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 IL22Ra2 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 IL22Ra2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IL22Ra2 in rat serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IL22Ra2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to IL22Ra2. 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 IL22Ra2, 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 IL22Ra2 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 #	50979278
NCBI GeneID	444986
NCBI Accession #	NP_001003404.1
NCBI GenBank Nucleotide #	NM_001003404.1
UniProt Accession #	Q7TNI4
Molecular Weight	26,722 Da
NCBI Official Full Name	interleukin-22 receptor subunit alpha-2
NCBI Official Synonym Full Names	interleukin 22 receptor subunit alpha 2
NCBI Official Symbol	IL22ra2
NCBI Official Synonym Symbols	Crf2-s1
NCBI Protein Information	interleukin-22 receptor subunit alpha-2
UniProt Protein Name	Interleukin-22 receptor subunit alpha-2
UniProt Gene Name	IL22ra2
UniProt Synonym Gene Names	IL-22 receptor subunit alpha-2; IL-22R-alpha-2; IL-22RA2; CRF2-S1; IL-22BP; IL22BP

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://www.aaabiotech.com/rat-elisa-kits/interleukin-22-receptor-alpha-2-il22ra2/66527>