

Rat IL-11 ELISA Kit | IL-11 elisa kit

Rat IL-11 (Interleukin 11) ELISA Kit

CATALOG #
AAA164027

REACTIVITY
Rat

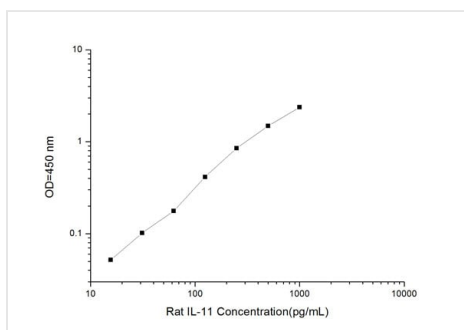
PRODUCT SYNONYMS

IL-11; Rat IL-11 (Interleukin 11) ELISA Kit; IL-11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes Rat BNP in samples. No significant cross-reactivity or interference between Rat BNP and analogues was observed.
Sequence Length	199
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Competitive
Detection Range	31.25-2000pg/mL
Sensitivity	18.75pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, midrange and high level Rat BNP were tested 20times on one plate, respectively
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, midrange and high level Rat BNP were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-11 elisa kit	Intended Uses: This ELISA kit can be applied to the in vitro quantitative determination of Rat BNP concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Competitive-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat BNP. During the reaction, Rat BNP in the sample or standard competes with a fixed amount of Rat BNP on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Rat BNP. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the Substrate Reagent is added to each well. The enzyme-substrate reaction is terminated by adding Stop Solution and the color change can be measured spectrophotometrically at a wavelength of 450 nm +/-2 nm. The concentration of Rat BNP in samples can be calculated by comparing the OD of the samples with the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10834994
NCBI GeneID	3589
NCBI Accession #	NP_000632.1
NCBI GenBank Nucleotide #	NM_000641.3
UniProt Accession #	P20809; Q96EB4; B4DQV5
Molecular Weight	12,994 Da
NCBI Official Full Name	interleukin-11 isoform 1
NCBI Official Synonym Full Names	interleukin 11
NCBI Official Symbol	IL11
NCBI Official Synonym Symbols	AGIF; IL-11
NCBI Protein Information	interleukin-11; adipogenesis inhibitory factor; oprelvekin
UniProt Protein Name	Interleukin-11
UniProt Gene Name	IL11
UniProt Synonym Gene Names	IL-11
UniProt Entry Name	IL11_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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/il-11/164027>