

Rat Interleukin 18 (IL-18) ELISA Kit | IL-18 elisa kit

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CATALOG #
AAA52818

REACTIVITY
Rat

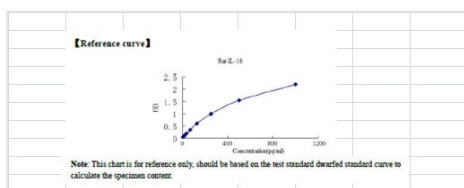
PRODUCT SYNONYMS

Interleukin 18 (IL-18); Rat Interleukin 18 (IL-18) ELISA Kit; IL-18 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	No cross-reaction with other factors.
Sequence Length	193
Samples	Rat serum, plasma or cell culture supernatant
Assay Type	Quantitative Sandwich
Detection Range	1000 pg/ml-15.6 pg/ml
Sensitivity	Up to 5 pg/ml
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-18 elisa kit

Principle of the Assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is Rat IL-18 monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504653
NCBI GeneID	3606
NCBI Accession #	NP_001553.1

NCBI GenBank Nucleotide #	NM_001562.3
Molecular Weight	21,896 Da
NCBI Official Full Name	interleukin-18 isoform 1 proprotein
NCBI Official Synonym Full Names	interleukin 18
NCBI Official Symbol	IL18
NCBI Official Synonym Symbols	IGIF; IL-18; IL-1g; IL1F4
NCBI Protein Information	interleukin-18; IL-1 gamma; iboctadecin; interleukin-1 gamma; IFN-gamma-inducing factor; interleukin 18 (interferon-gamma-inducing factor)
UniProt Protein Name	Interleukin-18
UniProt Gene Name	IL18
UniProt Synonym Gene Names	IGIF; IL1F4; IL-18; IFN-gamma-inducing factor; IL-1 gamma
UniProt Entry Name	IL18_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://www.aaabiotech.com/rat-elisa-kits/interleukin-18-il-18/52818>