

Rat IL-1alpha ELISA Kit | IL-1alpha elisa kit

Rat IL-1alpha Pre-Coated ELISA Kit

CATALOG #
AAA79391

REACTIVITY
Rat

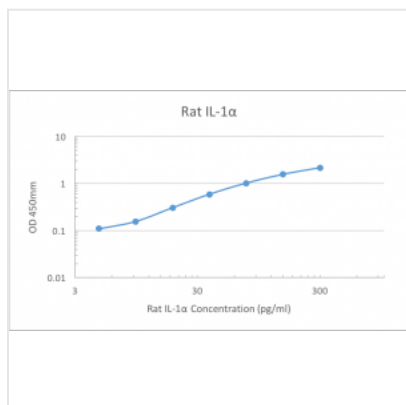
PRODUCT SYNONYMS

IL-1alpha; Rat IL-1alpha Pre-Coated ELISA Kit; IL-1alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Natural and recombinant Rat IL-1alpha
Assay Type	Solid Phase Sandwich ELISA: 96-Well Strip Plate
Detection Range	4.69pg/ml-300pg/ml
Sensitivity	<0.5pg/ml
Components	Anti-Rat IL-1alpha Pre-coated 96-well strip microplate Rat IL-1alpha Standard Rat IL-1alpha Biotinylated antibody (100x) Avidin-Biotin-Peroxidase Complex (100x) Sample Diluent Antibody Diluent Avidin-Biotin-Peroxidase Diluent Wash Buffer Concentrate (Powder for 1000mL) Color Developing Reagent Stop Solution Plate Sealers
Interference	No detectable cross-reactivity with other relevant proteins
Preparation and Storage	Store the unopened product at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-1alpha elisa kit	IL-1a is a non-secreted, proinflammatory cytokine produced in a variety of cells, including monocytes, tissue macrophages, keratinocytes, and other epithelial cells. Both IL-1a and IL-1b bind to the same receptor and have similar, if not identical, biological properties. These cytokines have a broad range of activities including the stimulation of thymocyte proliferation by inducing IL-2 release, B-cell maturation and proliferation, mitogenic FGF-like activity, and the release of prostaglandin and collagenase from synovial cells. However, whereas IL-1b is a secreted cytokine, IL-1a is predominantly a cell-associated cytokine. Rat IL-1alpha Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure IL-1alpha with a 96-well strip plate that is pre-coated with mouse monoclonal antibody specific for IL-1alpha. It contains E Coli-expressed recombinant IL-1alpha. The detection antibody is a biotinylated goat polyclonal antibody specific for IL-1alpha. The kit is analytically validated with ready to use reagents.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	8393593
NCBI GeneID	24493
NCBI Accession #	NP_058715.1
NCBI GenBank Nucleotide #	NM_017019.1
UniProt Accession #	P16598; Q546R9
Molecular Weight	30,856 Da
NCBI Official Full Name	interleukin-1 alpha
NCBI Official Synonym Full Names	interleukin 1 alpha
NCBI Official Symbol	IL1a
NCBI Official Synonym Symbols	IL-1 alpha
NCBI Protein Information	interleukin-1 alpha
UniProt Protein Name	Interleukin-1 alpha
UniProt Gene Name	IL1a
UniProt Synonym Gene Names	IL-1 alpha
UniProt Entry Name	IL1A_RAT

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://stage.aaabiotech.com/rat-elisa-kits/il-1alpha/79391>