

Mouse IL-1a ELISA Kit | IL-1a elisa kit

Mouse IL-1a ELISA KIT

CATALOG #
AAA309903

REACTIVITY
Mouse

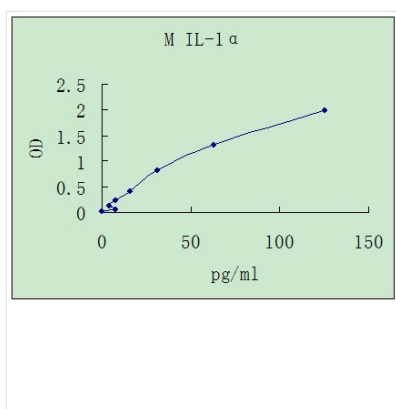
PRODUCT SYNONYMS

IL-1a; Mouse IL-1a ELISA KIT; Mouse IL-1a; IL-1a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse IL-1a Ligand
Assay Type	Solid Phase Sandwich ELISA
Samples	Cell culture supernatant, serum, plasma (EDTA, citrate, heparin)
Detection Range	1.8-125 pg/mL
Sensitivity	1pg/mL
Assay Time	3 hour
Sample Volume	20 uL
Detection Method	Colorimetric
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

Representative standard curve for IL-1a ELISA. IL-1a was diluted in serial two-fold steps in Sample Diluent.

ADDITIONAL INFORMATION

Related Product Information for IL-1a elisa kit	Interleukin-1 alpha (IL-1a) is a proinflammatory cytokine produced by a wide variety of cell types, including macrophages, osteoblasts, monocytes and hepatocytes. IL-1 alpha is synthesized as 31 kDa precursors that are subsequently cleaved into proteins with molecular weights of approximately 17 kDa. The IL-1a precursor reportedly shows full biological activity in the EL-4 assay. Circulating levels of IL-1a are normally low and only rise after stimulation by agents such as those produced by inflammation, infection or microbial endotoxins. IL-1a possesses a wide variety of biological activities and exerts its effects by binding to specific cell surface receptors.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27894330
NCBI GeneID	3552
NCBI Accession #	NP_000566.3
NCBI GenBank Nucleotide #	NM_000575.4
UniProt Accession #	P01583; Q53QF9; Q7RU02
Molecular Weight	30,607 Da
NCBI Official Full Name	interleukin-1 alpha
NCBI Official Synonym Full Names	interleukin 1 alpha
NCBI Official Symbol	IL1A
NCBI Official Synonym Symbols	IL1; IL-1A; IL1F1; IL1-ALPHA
NCBI Protein Information	interleukin-1 alpha
UniProt Protein Name	Interleukin-1 alpha
UniProt Gene Name	IL1A
UniProt Synonym Gene Names	IL1F1; IL-1 alpha

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/mouse-elisa-kits/il-1a/309903>