

Mouse IL-1 Beta/IL-1F2/IL1B DIY ELISA Kit | IL1B diy elisa kit

Mouse IL-1 Beta/IL-1F2/IL1B ELISA Kit EZ-Set (DIY Antibody Pairs)

CATALOG # AAA126757	REACTIVITY Mouse	APPLICATIONS ELISA
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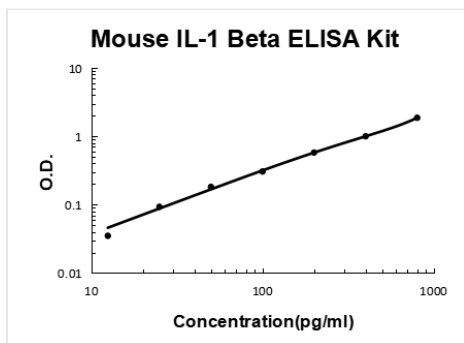
PRODUCT SYNONYMS

IL-1 Beta/IL-1F2/IL1B; Mouse IL-1 Beta/IL-1F2/IL1B ELISA Kit EZ-Set (DIY Antibody Pairs); IL1B diy elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	cell culture supernatants, serum and plasma (heparin, EDTA)
Detection Range	12.5pg/ml-800pg/ml
Sensitivity	<1pg/ml
Anticoagulant	heparin or EDTA
Applicable Applications for IL1B diy elisa kit	ELISA
Immunogen	Expression system for standard: E Coli; Immunogen sequence: V118-S269
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)

Mouse IL-1 Beta EZ Set ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for IL1B diy elisa kit	Interleukin-1beta(IL-1beta) is a potent stimulator of bone resorption whose gene is mapped to 2q14, and has been implicated in the pathogenesis of high bone turnover and osteoporosis. IL-1beta, a prominent microglia-derived cytokine, caused oligodendrocyte death in coculture with astrocytes and microglia, but not in pure culture of oligodendrocytes alone1. It also can cause nuclear export of a specific NCOR corepressor complex, resulting in derepression of a specific subset of nuclear factor-kappa-B(NFKB)-regulated genes2. Furthermore, Microenvironmental IL-1beta and, to a lesser extent, IL-1alpha are required for in vivo angiogenesis and invasiveness of different tumor cells3. Additional, the cooperation of IL-1beta and PDGFB induces contractile-to-synthetic phenotype modulation of human aortic smooth muscle cells in culture4. Moreover, the association with disease may be explained by the biologic properties of IL-1beta, which is an important proinflammatory cytokine and a powerful inhibitor of gastric acid secretion.
Product Categories/Family for IL1B diy elisa kit	EZ-Set ELISA Kits (Ab Pairs)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6680415
NCBI GeneID	16176
NCBI Accession #	NP_032387.1
NCBI GenBank Nucleotide #	NM_008361.3
UniProt Accession #	P10749; Q2M4J6
Molecular Weight	30,931 Da
NCBI Official Full Name	interleukin-1 beta
NCBI Official Synonym Full Names	interleukin 1 beta
NCBI Official Symbol	IL1b
NCBI Official Synonym Symbols	IL-1b; IL-1beta
NCBI Protein Information	interleukin-1 beta; IL-1 beta
UniProt Protein Name	Interleukin-1 beta
UniProt Gene Name	IL1b
UniProt Synonym Gene Names	IL-1 beta
UniProt Entry Name	IL1B_MOUSE

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-diy-elisa-kits/il-1-beta-il-1f2-il1b/126757>