

Product Datasheet

Mouse IL-1 beta/IL-1F2 ELISA Kit (Colorimetric) KA0357

Unit Size: 1 Kit

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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KA0357**Mouse IL-1 beta/IL-1F2 ELISA Kit (Colorimetric)**

| Product Information | |
|----------------------------|--|
| Unit Size | 1 Kit |
| Concentration | Concentration is not relevant for this product. Please see the protocols for proper use of this product. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |

| Product Description | |
|-----------------------------|--|
| Description | Il1b (Mouse) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of mouse Il1b. |
| Gene ID | 3553 |
| Gene Symbol | IL1B |
| Species | Mouse |
| Kit Components | 96-well plate precoated with anti- mouse IL-1 β antibody, Lyophilized recombinant mouse IL-1 β standard, Biotinylated anti- mouse IL-1 β antibody (dilution 1:100), Avidin-Biotin-Peroxidase Complex (ABC) (dilution 1:100), Sample diluent buffer, Antibody diluent buffer, ABC diluent buffer, TMB color developing agent, TMB stop solution |
| Notes | This product is produced by and distributed for Abnova, a company based in Taiwan. |
| Standard Curve Range | 12.5 to 800 pg/mL |
| Sensitivity | <1 pg/mL |
| Assay Type | Sandwich ELISA |
| Suitable Sample Type | Cell Culture Supernatant, Cell Lysates, Plasma (EDTA, Heparin), Serum |
| Sample Volume | 100 μ L |

| Product Application Details | |
|------------------------------------|----------------------------|
| Applications | ELISA, Quantification |
| Recommended Dilutions | ELISA, Quantification |
| Application Notes | Useful for quantification. |

Publications

Wang J, Zhao L, Li Y et al. HuR induces inflammatory responses in HUVECs and murine sepsis via binding to HMGB1. Mol Med Rep 2018-01-01 [PMID: 29115544]

Junchao Y, Zhen W, Yuan W et al. Anti- trachea inflammatory effects of diosgenin from Dioscorea nipponica through interactions with glucocorticoid receptor ?. J Int Med Res 2016-12-03 [PMID: 27913746]

Takahashi JL, Giuliani F, Power C et al. Interleukin-1beta promotes oligodendrocyte death through glutamate excitotoxicity. Ann Neurol 2003-05-01 [PMID: 12730992]

Voronov E, Shouval DS, Krelin Y et al. IL-1 is required for tumor invasiveness and angiogenesis. Proc Natl Acad Sci U S A 2003-02-21 [PMID: 12598651]

Baek SH, Ohgi KA, Rose DW et al. Exchange of N-CoR corepressor and Tip60 coactivator complexes links gene expression by NF-kappaB and beta-amyloid precursor protein. Cell 2002-07-12 [PMID: 12150997]





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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