

Il1b (Mouse) ELISA Kit

Catalog # KA0357

Size 1 Kit

Specification

Product Description	Il1b (Mouse) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of mouse Il1b.
Suitable Sample	Cell Culture Supernatant, Cell Lysates, Plasma (EDTA, Heparin), Serum
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	12.5 to 800 pg/mL
Reactivity	Mouse
Regulation Status	For research use only (RUO)
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

Applications

- Quantification

Gene Info — Il1b

Entrez GeneID	16176
Gene Name	Il1b
Gene Alias	IL-1beta, Il-1b

Gene Description	interleukin 1 beta
Gene Ontology	Hyperlink
Gene Summary	beta
Other Designations	OTTMUSP00000016525 interleukin 1, beta

Publication Reference

- [Coordination of mitochondrial and lysosomal homeostasis mitigates inflammation and muscle atrophy during aging.](#)

Andrea Irazoki, Marta Martinez-Vicente, Pilar Aparicio, Cecilia Aris, Esmaeil Alibakhshi, Maria Rubio-Valera, Juan Castellanos, Luis Lores, Manuel Palacín, Anna Gumà, Antonio Zorzano, David Sebastián.

Aging Cell 2022 Apr; 21(4):e13583.

Application: Quant, Mouse, C2C12 cells

- [Metformin and trimetazidine ameliorate diabetes-induced cognitive impediment in status epileptic rats.](#)

Mohamed MAE, Abdel-Rahman RF, Mahmoud SS, Khattab MM, Safar MM.

Epilepsy & Behavior 2020 Mar; 104(Pt A):106893.

Application: Quant, Rat, Rat hippocampus

- [Anti- trachea inflammatory effects of diosgenin from Dioscorea nipponica through interactions with glucocorticoid receptor \$\alpha\$.](#)

Junchao Y, Zhen W, Yuan W, Liying X, Libin J, Yuanhong Z, Wei Z, Ruilin C, Lu Z.

The Journal of International Medical Research 2016 Dec; 45(1):101.

Application: Quant, Mouse, Mouse bronchoalveolar lavage fluid (BALF), Mouse primary tracheal epithelial cells (TECs)

- [Interleukin-1beta promotes oligodendrocyte death through glutamate excitotoxicity.](#)

Takahashi JL, Giuliani F, Power C, Imai Y, Yong VW.

Annals of Neurology 2003 May; 53(5):588.

- [IL-1 is required for tumor invasiveness and angiogenesis.](#)

Voronov E, Shouval DS, Krelin Y, Cagnano E, Benharroch D, Iwakura Y, Dinarello CA, Apte RN.

PNAS 2003 Mar; 100(5):2645.

- [Exchange of N-CoR corepressor and Tip60 coactivator complexes links gene expression by NF-kappaB and beta-amyloid precursor protein.](#)

Baek SH, Ohgi KA, Rose DW, Koo EH, Glass CK, Rosenfeld MG.

Cell 2002 Jul; 110(1):55.