Egf (Mouse) ELISA Kit

Catalog # KA0544 Size 1 Kit

Specification

Product Description	Egf (Mouse) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of mouse Egf.
Suitable Sample	Cell Culture Supernatant, Plasma (EDTA, Heparin), Serum, Tissue homogenate, Urine
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	7.8 to 500 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 — Egf

Entrez GeneID	13645
Gene Name	Egf
Gene Alias	AI790464

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Gene Description	epidermal growth factor
Gene Ontology	Hyperlink
Other Designations	Pro-epidermal growth factor precursor (EGF)

Publication Reference

- Behavioral abnormalities with disruption of brain structure in mice overexpressing VGF.

  Takahiro Mizoguchi, Hiroko Minakuchi, Mitsue Ishisaka, Kazuhiro Tsuruma, Masamitsu Shimazawa, Hideaki Hara

  Sci Rep 2017 Jul; 7(1):4691.

- Impaired basolateral sorting of pro-EGF causes isolated recessive renal hypomagnesemia.

  Groenestege WM, Thebault S, van der Wijst J, van den Berg D, Janssen R, Tejpar S, van den Heuvel LP, van Cutsem E, Hoenderop JG, Knoers NV, Bindels RJ.

  The Journal of Clinical Investigation 2007 Aug; 117(8):2260.

  Application: Quant, Human, HEK 293 cells

- Review of epidermal growth factor receptor biology.

  Herbst RS.

  International Journal of Radiation Oncology, Biology, Physics 2004 Jan; 59(2 Suppl):21.

  Application: Quant, Human, Human mammalian cells

- Epidermal growth factor.

  Carpenter G, Cohen S.

  The Journal of Biological Chemistry 1990 May; 265(14):7709.

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