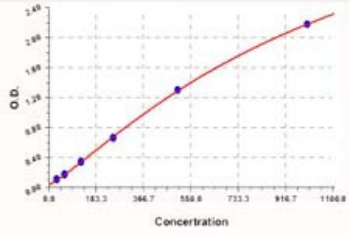
Csf3 (Mouse) ELISA Kit

Catalog # KA0983 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	Csf3 (Mouse) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of mouse Csf3.
Suitable Sample	Body Fluid, Cell Culture Supernatant, Plasma, Serum, Tissue Lysate
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	31.2 to 2000 pg/mL
Reactivity	Mouse
Regulation Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

Applications

- Quantification

Gene Info — Csf3

Entrez GeneID	12985
Gene Name	Csf3
Gene Alias	Csfg, G-CSF, MGI-IG
Gene Description	colony stimulating factor 3 (granulocyte)
Gene Ontology	Hyperlink
Other Designations	OTTMUSP00000006785|colony stimulating factor 3

Publication Reference

- G-CSF prevents cardiac remodeling after myocardial infarction by activating the Jak-Stat pathway in cardiomyocytes.

  Harada M, Qin Y, Takano H, Minamino T, Zou Y, Toko H, Ohtsuka M, Matsuura K, Sano M, Nishi J, Iwanaga K, Akazawa H, Kunieda T, Zhu W, Hasegawa H, Kunisada K, Nagai T, Nakaya H, Yamauchi-Takihara K, Komuro I.

  Nature Medicine 2005 Feb; 11(3):305.

- Human gene coding for granulocyte-colony stimulating factor is assigned to the q21-q22 region of chromosome 17.

  Kanda N, Fukushige S, Murotsu T, Yoshida MC, Tsuchiya M, Asano S, Kaziro Y, Nagata S.

  Somatic Cell and Molecular Genetics 1987 Nov; 13(6):679.

- Molecular cloning and expression of cDNA for human granulocyte colony-stimulating factor.

  Nagata S, Tsuchiya M, Asano S, Kaziro Y, Yamazaki T, Yamamoto O, Hirata Y, Kubota N, Oheda M, Nomura H, et al..

  Nature 1986 Jan; 319(6052):415.