

Rat Granulocyte-macrophage colony-stimulating factor (GM-CSF) ELISA Kit (2 plates)

Catalogue No.: BEK-2167-2P

Description: The rat GM-CSF Kit is a sandwich ELISA. The capture antibody is a monoclonal anti-rat GM-CSF antibody pre-coated onto the 96-well strip plates provided in the kit. Rat test samples and standards of known GM-CSF concentration are added to these wells and allowed to complex with the bound GM-CSF antibody. A biotinylated anti-rat GM-CSF antibody is then added. This detection antibody binds to the antigen thus completing the sandwich. After washing, an enzyme Avidin-Biotin-Peroxidase complex (ABC) is added which binds to the second antibody. The peroxidase substrate TMB is added to induce a coloured reaction product. The intensity of this coloured product is directly proportional to the concentration of GM-CSF present in the samples. The purpose of this kit is the in-vitro quantitative determination of GM-CSF in samples such as sera, plasma, tissue lysates and cell culture supernates. This kit has been configured for research use only and is not to be used in diagnostic or clinical procedures.

Batch No.: See product labels

Other Names: GM-CSF; Colony-stimulating factor; Csf2; Csfgm;

Accession: P48750 CSF2_RAT;

Storage: Store at 2-8C

Kit components: The ELISA kit box contains 1 x 96-well pre-coated strip plate, protein standards, detection reagents, substrate buffer and detailed protocols.

Range: 15.6 pg/mL - 1,000 pg/mL

Sensitivity: < 10 pg/ml

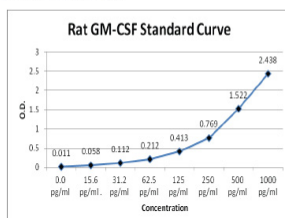
Kit protocol: Please refer to our online product listing for current protocol/MSDS versions.

IX: Typical Standard Curve (for reference only, not to be used for actual data)

Concentration pg/ml	0.0	15.6 pg/ml	31.2 pg/ml	62.5 pg/ml	125 pg/ml	250 pg/ml	500 pg/ml	1000 pg/ml
O.D.	0.011	0.058	0.112	0.212	0.413	0.789	1.522	2.438

Data obtained after 30min reaction of 20 minutes @ 37°C

This standard curve is for demonstration purposes only. A standard curve should be generated for each assay.



FOR RESEARCH USE ONLY