

Mouse Osteoprotegerin ELISA Kit (2 plates)

Catalogue No.: BEK-2082-2P

Description: The mouse Osteoprotegerin (OPG) Kit is a sandwich ELISA. The capture antibody is a polyclonal mouse OPG antibody pre-coated onto the 96-well strip plates provided in the kit. Mouse test samples and standards of known OPG concentration are added to these wells and allowed to complex with the bound OPG antibody. A biotinylated mouse OPG polyclonal 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 OPG present in the samples. The purpose of this kit is the in-vitro quantitative determination of mouse OPG 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: Osteoclastogenesis inhibitory factor; Tumor necrosis factor receptor superfamily member 11B;

Accession: O08712 TR11B_MOUSE;

Specificity: Mouse OPG

Storage: Store at 4°C

Kit components: The ELISA kit box contains 2 x 96 pre-coated strip plates, protein standards, detection reagents, substrate buffer and precise instructions.

Range: 93.8 pg/ml - 6,000 pg/ml

Sensitivity: < 5 pg/ml

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

Typical Mouse Osteoprotegerin ELISA Kit Standard Curve
(TMB reaction incubated at 37°C for 29 min)

Concentration (pg/ml)	0.0	93.8	187.5	375	750	1500	3000	6000	
O.D.		0.038	0.118	0.188	0.308	0.584	1.075	1.946	2.624



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

FOR RESEARCH USE ONLY