Mouse MIP-2 ELISA Kit (2 plates)

Catalogue No.: BEK-2179-2P

Description: The mouse MIP-2 Kit is a sandwich ELISA. The capture antibody is a monoclonal mouse MIP-2 antibody pre-coated onto the 96-well strip plates provided in the kit. Test samples and standards of known MIP-2 concentration are added to these wells and allowed to complex with the bound MIP-2 antibody. A biotinylated mouse monoclonal 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 MIP-2 present in the samples. The purpose of this kit is the in-vitro quantitative determination of mouse MIP-2 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: MP26; Major intrinsic protein; MIP;

Specificity: MIP-2

Storage: Store at 2-8C

Specific References: Kanaya K et al. (2014) Innate immune responses and neuroepithelial degeneration and regeneration in the mouse olfactory mucosa induced by intranasal administration of Poly(I:C). Cell Tissue Res. 2014 Jul;357(1):279-99.

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

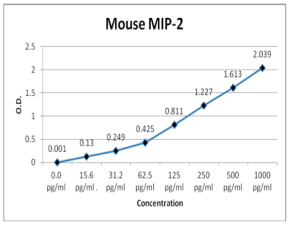
Range: 15.6 pg/mL -1000 pg/mL

Sensitivity: < 5 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 pg/ml	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.	0.001	0.130	0.249	0.425	0.811	1.277	1.833	2.039



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