

## Mouse Soluble ICAM-1 (sICAM-1) ELISA Kit (2 plates)

**Catalogue No.:** BEK-2024-2P

**Description:** The mouse ICAM-1 Kit is a sandwich ELISA. The capture antibody is a mouse ICAM-1 antibody pre-coated onto the 96-well strip plates provided in the kit. Mouse test samples and standards of known ICAM-1 concentration are added to these wells and allowed to complex with the bound ICAM-1 antibody. A biotinylated mouse ICAM-1 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 ICAM-1 present in the samples. The purpose of this kit is the in-vitro quantitative determination of mouse ICAM-1 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

**Antigen:** Intercellular adhesion molecule 1 (ICAM1) is a single-pass type 1 membrane glycoprotein that belongs to the ICAM family. ICAM1 is typically expressed on endothelial cells and cells of the immune system.

**Other Names:** ICAM1; ICAM-1; Intercellular adhesion molecule 1; CD54; MALA-2; MyD10; Icam1; Icam-1;

**Accession:** P13597 ICAM1\_MOUSE;

**Specificity:** Mouse ICAM-1

**Storage:** Store at 4°C

**Specific References:** Raoufi-Rad, N. et al. (2017) In vivo imaging of endothelial cell adhesion molecule expression after radiosurgery in an animal model of arteriovenous malformation. PLoS One. 12(9):e0185393 Application: Cultured cells. Species: Mouse

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

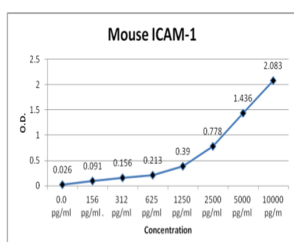
**Range:** 156 pg/ml - 10,000 pg/ml

**Sensitivity:** < 10 pg/ml

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

Concentration pg/ml	0.0 pg/ml	156 pg/ml	312 pg/ml	625 pg/ml	1250 pg/ml	2500 pg/ml	5000 pg/ml	10000 pg/ml
O.D.	0.026	0.091	0.156	0.213	0.390	0.778	1.436	2.083

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



FOR RESEARCH USE ONLY