



## Human Emmprin/CD147 ELISA Kit (2 plates)

**Catalogue No.:** BEK-2175-2P

**Description:** The human Emmprin Kit is a sandwich ELISA. The capture antibody is a polyclonal human Emmprin antibody pre-coated onto the 96-well strip plates provided in the kit. Human test samples and standards of known Emmprin concentration are added to these wells and allowed to complex with the bound Emmprin antibody. A biotinylated human Emmprin 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 Emmprin present in the samples. The purpose of this kit is the in-vitro quantitative determination of human Emmprin 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:** Basigin; 5F7; Collagenase stimulatory factor; Extracellular matrix metalloproteinase inducer; EMMPRIN; Leukocyte activation antigen M6; OK blood group antigen; Tumor cell-derived collagenase stimulatory factor; TCSF; CD147; BSG;

**Accession:** P35613 BASI\_HUMAN;

**Storage:** Store at 2-8C

**Specific References:** 1. Lu Q et al (2013) Expression and clinical significance of extracellular matrix metalloproteinase inducer, EMMPRIN/CD147, in human osteosarcoma. Oncol Lett. 2013 Jan;5(1):201-207

**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:** 31.2 pg/mL - 2,000 pg/mL

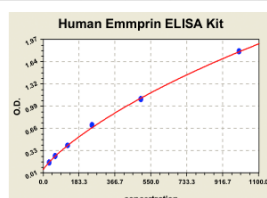
**Sensitivity:** < 2 pg/ml

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

**Typical Human Emmprin ELISA Kit Standard Curve**

(TMB reaction incubate at 37°C for 16 min)

Concn. (pg/ml)	0	31.2	62.5	125	250	500	1000	2000
O.D.	0.063	0.163	0.257	0.496	0.710	1.095	1.799	2.409



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

FOR RESEARCH USE ONLY