



Rat Hepatitis A virus cellular receptor 1 ELISA Kit (2 plates)

Catalogue No.:	BEK-2205-2P
Description:	The Hepatitis A virus cellular receptor 1 homolog is also known as the Kidney injury molecule 1 (KIM1) protein. The rat KIM1 Kit is a sandwich ELISA. The capture antibody is a polyclonal rat KIM1 antibody pre-coated onto the 96-well strip plates provided in the kit. Test samples and standards of known KIM1 concentration are added to these wells and allowed to complex with the bound KIM1 antibody. A biotinylated rat 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 KIM1 present in the samples. The purpose of this kit is the in-vitro quantitative determination of rat KIM1 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:	Hepatitis A virus cellular receptor 1 homolog; HAVcr-1; Kidney injury molecule 1; KIM-1; T cell immunoglobulin and mucin domain-containing protein 1; TIMD-1; T cell membrane protein 1; TIM-1; Havcr1; Kim1; Tim1; Timd1;
Accession:	O54947 HAVR1_RAT;
Specificity:	Hepatitis A virus cellular receptor 1
Storage:	Store at 2-8C
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:	< 2pg/ml
Kit protocol:	Please refer to our online product listing for current protocol/MSDS versions.

FOR RESEARCH USE ONLY