

Human Tyrosine-protein kinase receptor TIE-2 ELISA Kit (2 plates)

Catalogue No.: BEK-2092-2P

Description: The human Tyrosine-protein kinase receptor TIE-2 Kit is a sandwich ELISA. The capture antibody is a polyclonal human TIE2 antibody pre-coated onto the 96-well strip plates provided in the kit. Human test samples and standards of known TIE2 concentration are added to these wells and allowed to complex with the bound TIE2 antibody. A biotinylated human TIE2 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 TIE2 present in the samples. The purpose of this kit is the in-vitro quantitative determination of human TIE2 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: Angiopoietin-1 receptor; Tyrosine-protein kinase receptor TEK; Tunica interna endothelial cell kinase; p140 TEK; CD202b;

Accession: Q02763 TIE2_HUMAN;

Specificity: Human Tyrosine-protein kinase receptor TIE-2

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.

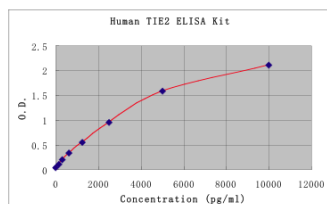
Range: 156 pg/mL - 10, 000 pg/mL

Sensitivity: < 5 pg/ml

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

Typical Human Tyrosine-protein kinase receptor TIE-2 ELISA Kit Standard Curve
(TMB reaction incubated at 37°C for 10 min)

Concentration (pg/ml)	0.0	156	312	625	1250	2500	5000	10,000
O.D.	0.039	0.114	0.195	0.330	0.546	0.959	1.592	2.114



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

FOR RESEARCH USE ONLY