Human soluble FAS ELISA Kit (2 plates)

Catalogue No.: BEK-2014-2P

Description: The human soluble FAS Kit is a sandwich ELISA. The capture antibody is a monoclonal human sFAS antibody pre-coated onto the 96-well strip plates provided in the kit. Human test samples and standards of known sFAS concentration are added to these wells and allowed to complex with the bound sFAS antibody. A biotinylated human sFAS 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 sFAS present in the samples. The purpose of this kit is the in-vitro quantitative determination of human sFAS 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: sFAS is a single-pass type I membrane protein and a member of the TNF-receptor superfamily. The interaction between this receptor and the sFAS ligand (TNFSF6/FASLG) forms a death-inducing signalling complex that includes Fas-associated death domain protein (FADD), caspase 8 and caspase 10. Processing of the caspases in this complex leads to apoptosis.

Other Names: FASLG receptor; Apo-1; CD95; Apt1; Tnfrsf6;

Accession: P25445 TNR6_HUMAN;

Specificity: Human sFAS

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.

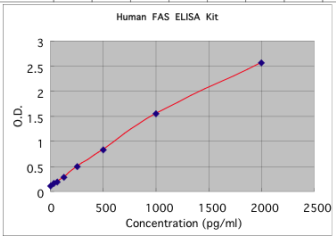
Range: 31.2 pg/mL - 2,000 pg/mL

Sensitivity: < 3 pg/ml

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

Typical Human FAS ELISA Kit Standard Curve
(TMB reaction incubated at 37°C for 30 min)

Concentration (pg/ml)	0.0	31.2	62.5	125	250	500	1000	2000
O.D.	0.110	0.165	0.189	0.286	0.487	0.833	1.546	2.562



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

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