Human Insulin-like growth factor-binding protein 1 ELISA Kit (2 plates)

Catalogue No.: BEK-2030-2P

Description: The human Insulin-like growth factor-binding protein 1 (IGFBP-1) Kit is a sandwich ELISA. The capture antibody is a polyclonal human IGFBP-1 antibody pre-coated onto the 96-well strip plates provided in the kit. Human test samples and standards of known IGFBP-1 concentration are added to these wells and allowed to complex with the bound IGFBP-1 antibody. A biotinylated human IGFBP-1 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 IGFBP-1 present in the samples. The purpose of this kit is the in-vitro quantitative determination of human IGFBP-1 in samples such as sera, plasma, 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: IGF-binding protein 1; IGFBP-1; IBP-1; IGFBP1;

Accession: P08833 IBP1_HUMAN;

Specificity: Human Insulin-like growth factor-binding protein 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.

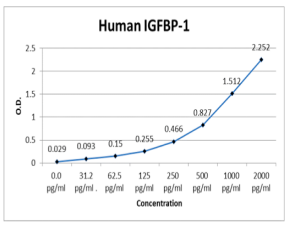
Range: 31.2 pg/mL - 2,000 pg/mL

Sensitivity: < 1 pg/ml

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

IX: Typical Standard Curve (for reference only, not to be used for actual data)

Concentration pg/ml	0.0 pg/ml	31.2 pg/ml .	62.5 pg/ml	125 pg/ml	250 pg/ml	500 pg/ml	1000 pg/ml	2000 pg/ml
O.D.	0.029	0.093	0.150	0.255	0.466	0.827	1.512	2.252



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

40-46 West Thebarton Road • Thebarton • South Australia 5031
Telephone + 61 8 83527711 • Email sales@biosensis.com • www.biosensis.com