Human Placenta growth factor ELISA Kit (2 plates)

Catalogue No.: BEK-2087-2P

Description: The human Placenta growth factor (PLGF) Kit is a sandwich ELISA. The capture antibody is a monoclonal anti-human PLGF antibody pre-coated onto the 96-well strip plates provided in the kit. Human test samples and standards of known PLGF concentration are added to these wells and allowed to complex with the bound PLGF antibody. A biotinylated anti-human PLGF 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 PLGF present in the samples. The purpose of this kit is the in-vitro quantitative determination of human PLGF 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: PGFL; PLGF; PGF; PIGF

Accession: P49763 PLGF_HUMAN;

Specificity: Human Placenta growth factor

Storage: Store at 4°C

Kit components: The ELISA kit box contains 2 x 96-well pre-coated strip plates, protein standards, detection reagents, substrate buffer and detailed protocols.

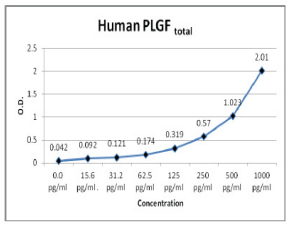
Range: 15.6 pg/ml - 1,000 pg/ml

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	15.6 pg/ml	31.2 pg/ml	62.5 pg/ml	125 pg/ml	250 pg/ml	500 pg/ml	1000 pg/ml
O.D.	0.042	0.092	0.121	0.174	0.319	0.570	1.023	2.010



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

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