



## Human Platelet-derived growth factor (PDGF-AB) ELISA Kit (2 plates)

**Catalogue No.:** BEK-2085-2P

**Description:** The human Platelet-derived growth factor (PDGF) Kit is a sandwich ELISA. The capture antibody is a polyclonal human PDGF-A antibody pre-coated onto the 96-well strip plates provided in the kit. Human test samples and standards of known PDGF concentration are added to these wells and allowed to complex with the bound PDGF antibody. The detection antibody is a biotinylated polyclonal human PDGF-B antibody so this kit will only quantitate PDGF-AB. 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 PDGF-AB present in the samples. The purpose of this kit is the in-vitro quantitative determination of human PDGF-AB 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:** PDGF-2; Platelet-derived growth factor; Becaplermin; PDGFB; PDGF2; SIS; PDGF-1; PDGFA; PDGF1;

**Accession:** P04085 PDGFA\_HUMAN;

**Specificity:** Human PDGF-AB

**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.

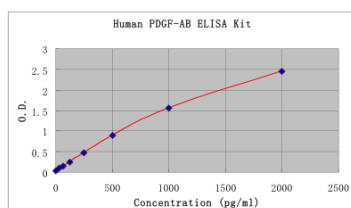
**Range:** 31.2 pg/ml - 2,000 pg/ml

**Sensitivity:** < 2 pg/ml

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

**Typical Human PDGF-AB ELISA Kit Standard Curve**  
(TMB reaction incubated at 37°C for 14 min)

Concentration (pg/ml)	0.0	31.2	62.5	125	250	500	1000	2000
O.D.	0.029	0.090	0.138	0.248	0.478	0.896	1.556	2.442



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

FOR RESEARCH USE ONLY