



## Human TNF-beta ELISA Kit (2 plates)

**Catalogue No.:** BEK-2117-2P

**Description:** The human TNF-beta Kit is a sandwich ELISA. The capture antibody is a polyclonal human TNF-beta antibody pre-coated onto the 96-well strip plates provided in the kit. Human test samples and standards of known TNF-beta concentration are added to these wells and allowed to complex with the bound TNF-beta antibody. A biotinylated human TNF-beta 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 TNF-beta present in the samples. The purpose of this kit is the in-vitro quantitative determination of human TNF-beta 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:** Lymphotoxin-alpha; Tumor necrosis factor ligand superfamily member 1; LTA; TNFB; TNFSF1;

**Accession:** P01374 TNFB\_HUMAN;

**Specificity:** Human TNF-beta

**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.

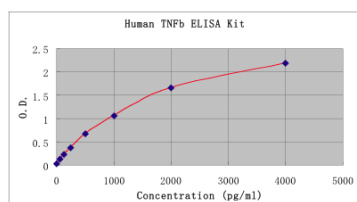
**Range:** 62.5 pg/ml - 4,000 pg/ml

**Sensitivity:** < 5 pg/ml

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

*Typical Human TNF-beta ELISA Kit Standard Curve*  
(TMB reaction incubated at 37°C for 15 min)

Concentration (pg/ml)	0.0	62.5	125	250	500	1000	2000	4000
O.D.	0.029	0.134	0.225	0.369	0.668	1.064	1.656	2.180



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

FOR RESEARCH USE ONLY