



## Human Interleukin 12 (sub unit p40) ELISA Kit (2 plates)

**Catalogue No.:** BEK-2050-2P

**Description:** The human Interleukin 12 (p40) kit is a sandwich ELISA. The capture antibody is a monoclonal human IL-12(p40) antibody pre-coated onto the 96-well strip plates provided in the kit. Human test samples and standards of known IL-12(p40) concentration are added to these wells and allowed to complex with the bound IL-12(p40) antibody. A biotinylated human IL-12(p40) 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 IL-12(p40) present in the samples. The purpose of this kit is the in-vitro quantitative determination of human IL-12(p40) 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:** IL-12; IL12; Interleukin-12; Interleukin-12 subunit beta; IL-12B; Cytotoxic lymphocyte maturation factor 40 kDa subunit; CLMF p40; IL-12 subunit p40; NK cell stimulatory factor chain 2; NKSF2; IL12B; NKSF2;

**Accession:** P29460 IL12B\_HUMAN;

**Specificity:** Human IL-12(p40)

**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.

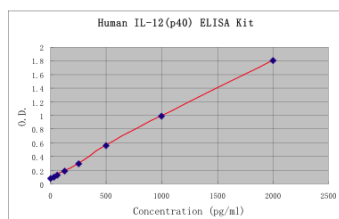
**Range:** 31.2 pg/mL - 2,000 pg/mL

**Sensitivity:** < 2 pg/ml

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

Typical Human IL-12 (p40) ELISA Kit Standard Curve  
(TMB reaction incubate at 37°C for 30 min)

Concentration (pg/ml)	0.0	31.2	62.5	125	250	500	1000	2000
<b>O.D.</b>	0.079	0.099	0.129	0.184	0.206	0.555	0.991	1.808



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

FOR RESEARCH USE ONLY