

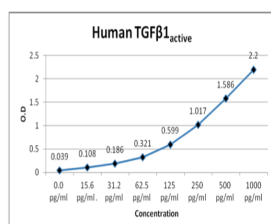


Human Transforming growth factor beta-1 ELISA Kit (2 plates)

Catalogue No.:	BEK-2093-2P
Description:	The human Transforming growth factor beta-1 (TGFb1) Kit is a sandwich ELISA. The capture antibody is a monoclonal TGFb1 antibody pre-coated onto the 96-well strip plates provided in the kit. Human test samples and standards of known TGFb1 concentration are added to these wells and allowed to complex with the bound TGFb1 antibody. A biotinylated TGFb1 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 TGFb1 present in the samples. There is cross-reactivity with TGF beta 2, TGF beta 3, TGF beta 5
Batch No.:	See product labels
Other Names:	TGFB1; TGFB; TGF-beta-1;
Accession:	P01137 TGFB1_HUMAN;
Specificity:	TGF Beta 1. The kit will react with Human, Mouse and Rat.
Cross-reactivity:	Cross reactivity with TGF Beta 2, TGF Beta 3, and TGF Beta 5 is less than 1%.
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 on pg/ml	0.0	15.6	31.2	62.5	125	250	500	1000
O.D.	0.039	0.108	0.186	0.321	0.599	1.017	1.586	2.200



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

FOR RESEARCH USE ONLY