



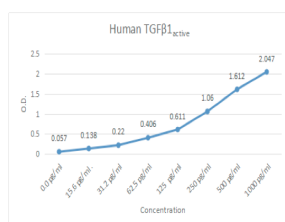
## Human Transforming growth factor beta-1 ELISA Kit (2 plates)

<b>Catalogue No.:</b>	BEK-2093-2P
<b>Description:</b>	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
<b>Batch No.:</b>	See product labels
<b>Other Names:</b>	TGFB1; TGFB; TGF-beta-1;
<b>Accession:</b>	P01137 TGFB1_HUMAN;
<b>Specificity:</b>	TGF Beta 1. The kit will react with Human, Mouse and Rat.
<b>Cross-reactivity:</b>	Cross reactivity with TGF Beta 2, TGF Beta 3, and TGF Beta 5 is less than 1%.
<b>Storage:</b>	Store at 2-8C
<b>Kit components:</b>	The ELISA kit box contains 2 x 96-well pre-coated strip plates, protein standards, detection reagents, substrate buffer and detailed protocols.
<b>Range:</b>	15.6 pg/mL - 1,000 pg/mL
<b>Sensitivity:</b>	< 1 pg/ml
<b>Kit protocol:</b>	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	15.6	31.2	62.5	125	250	500	1000
O.D.	0.057	0.138	0.220	0.406	0.611	1.060	1.612	2.047

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



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