



## Human Transforming growth factor alpha ELISA Kit (2 plates)

<b>Catalogue No.:</b>	BEK-2183-2P
<b>Description:</b>	The human Transforming growth factor (TGF) alpha Kit is a sandwich ELISA. The capture antibody is a monoclonal anti-human TGF alpha antibody pre-coated onto the 96-well strip plates provided in the kit. Test samples and standards of known TGF alpha concentration are added to these wells and allowed to complex with the bound TGF alpha antibody. A biotinylated anti-human 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 TGF alpha present in the samples. The purpose of this kit is the in-vitro quantitative determination of human TGF alpha 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.
<b>Batch No.:</b>	See product labels
<b>Other Names:</b>	TGF- $\alpha$ ; Protransforming growth factor alpha; TGF-alpha; EGF-like TGF; ETGF; TGF type 1;
<b>Accession:</b>	P01135 TGFA_HUMAN;
<b>Specificity:</b>	TGF alpha. Cross reactivity with TGF Beta 2, TGF Beta 3, and TGF Beta 5 is less than 1%.
<b>Storage:</b>	Store at 4°C
<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>	< 1pg/ml
<b>Kit protocol:</b>	Please refer to our online product listing for current protocol/MSDS versions.

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FOR RESEARCH USE ONLY