

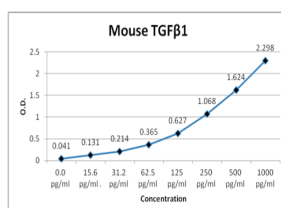
Mouse Transforming growth factor beta-1 ELISA Kit (2 plates)

- Catalogue No.:** BEK-2095-2P
- Description:** The mouse 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. Mouse 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. The purpose of this kit is the in-vitro quantitative determination of mouse TGFb1 in cell culture supernatants, serum, plasma (EDTA treated samples only) and urine. Acid pretreatment is required for best activity. Free TGFB1 is high labile. 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:** TGFB1; TGFB; TGF-beta-1;
- Accession:** P04202 TGFB1_MOUSE;
- Specificity:** Human; Mouse; Rat;
- Cross-reactivity:** The cross reactivity with TGF Beta 2, TGF Beta 3 and TGF Beta 5 is < 1%.
- Storage:** Store at 2-8C
- Specific References:** Elaskalani O et al. (2020) Antiplatelet Drug Ticagrelor Enhances Chemotherapeutic Efficacy by Targeting the Novel P2Y12-AKT Pathway in Pancreatic Cancer Cells. *Cancers (Basel)*. 12(1). Application: Mouse serum.
- 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:** < 2 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 pg/ml	0.0	15.6	31.2	62.5	125	250	500	1000
O.D.	0.041	0.131	0.214	0.365	0.627	1.068	1.624	2.298

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



FOR RESEARCH USE ONLY