

Goat Transforming Growth factor beta1 ELISA Kit | TGF-beta1 elisa kit

Goat Transforming Growth factor beta1 (TGF-beta1) ELISA Kit

CATALOG # AAA55847	REACTIVITY Goat
------------------------------	---------------------------

PRODUCT SYNONYMS

Transforming Growth factor beta1; Goat Transforming Growth factor beta1 (TGF-beta1) ELISA Kit; CED; DPD1; LAP; TGFB; TGFbeta; TGF-beta 1 protein|latency-associated peptide; TGF-beta1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Specificity	This assay has high sensitivity and excellent specificity for detection of Goat TGF-beta1. No significant cross-reactivity or interference between Goat TGF-beta1 and analogues was observed.
Sequence Length	390
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.78 ng/mL - 50 ng/mL
Sensitivity	0.52 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for TGF-beta1 elisa kit	Intended Uses: For the quantitative detection of Goat Transforming growth factor beta1 (TGF-beta1) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate TGF-beta1 in Goat serum, plasma. An antibody specific for TGF-beta1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TGF-beta1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TGF-beta1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TGF-beta1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	63025222
NCBI GeneID	7040
NCBI Accession #	NP_000651.3
NCBI GenBank Nucleotide #	NM_000660.5

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/tgf-beta1-goat-elisa-kits/transforming-growth-factor-beta1/55847>