

Sheep transforming growth factor, beta 1 ELISA Kit | TGFB1 elisa kit

Sheep Transforming growth factor beta-1, TGFB1 ELISA Kit

CATALOG #
AAA112441

REACTIVITY
Sheep

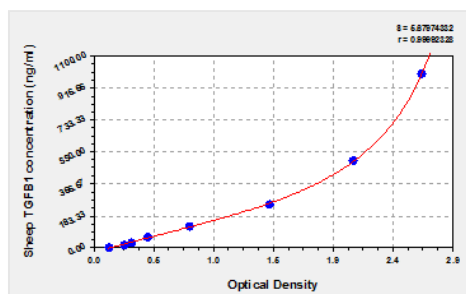
PRODUCT SYNONYMS

transforming growth factor; beta 1; Sheep Transforming growth factor beta-1; TGFB1 ELISA Kit; Sheep Transforming growth factor beta-1 (TGFB1) ELISA kit; CED; DPD1; LAP; TGFB; TGFbeta; TGF-beta 1 protein; latency-associated peptide; TGFB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Specificity	This assay has high sensitivity and excellent specificity for detection of sheep TGFB1. No significant cross-reactivity or interference between sheep TGFB1 and analogues was observed.
Sequence Length	390
Samples	Serum, plasma
Assay Type	Quantitative Sandwich
Detection Range	15.6 ng/ml-1000 ng/ml
Sensitivity	< 3.9 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TGFB1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for TGFB1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TGFB1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TGFB1 is added to the wells. After washing, avidin 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 TGFB1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	57164399
NCBI GeneID	443417
NCBI Accession #	NP_001009400.1
NCBI GenBank Nucleotide #	NM_001009400.1
UniProt Accession #	P50414
Molecular Weight	44,291 Da
NCBI Official Full Name	transforming growth factor beta-1
NCBI Official Symbol	TGFB1
NCBI Protein Information	transforming growth factor beta-1; TGF-beta 1; TGF-beta-1; transforming growth factor-beta 1; transforming growth factor, beta 1 (Camurati-Engelmann disease)
UniProt Protein Name	Transforming growth factor beta-1
UniProt Gene Name	TGFB1
UniProt Synonym Gene Names	TGF-beta-1; LAP
UniProt Entry Name	TGFB1_SHEEP

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.

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Online datasheet: <https://stage.aaabiotech.com/tgfb1-sheep-elisa-kits/transforming-growth-factor-beta-1/112441>