

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

Horse Transforming growth factor beta-1, TGFB1 ELISA Kit

CATALOG #
AAA112854

REACTIVITY
Horse

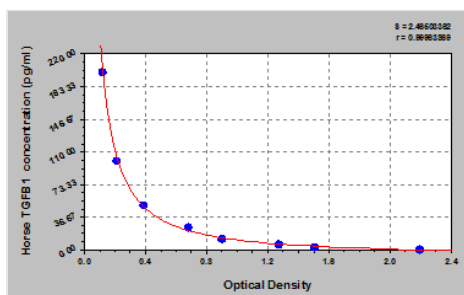
PRODUCT SYNONYMS

transforming growth factor; beta 1; Horse Transforming growth factor beta-1; TGFB1 ELISA Kit; Horse 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	Horse
Specificity	This assay has high sensitivity and excellent specificity for detection of horse TGFB1. No significant cross-reactivity or interference between horse TGFB1 and analogues was observed.
Sequence Length	390
Samples	Serum, plasma
Detection Range	3.12 pg/ml -200 pg/mL
Sensitivity	<1.56 pg/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 competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with TGFB1. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for TGFB1. The competitive inhibition reaction is launched between with pre-coated TGFB1 and TGFB1 in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of TGFB1 in the sample. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	126352651
NCBI GeneID	100033900
NCBI Accession #	NP_001075318.1
NCBI GenBank Nucleotide #	NM_001081849.1
UniProt Accession #	O19011; Q9TUM8
Molecular Weight	43,975 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; transforming growth factor beta 1
UniProt Protein Name	Transforming growth factor beta-1
UniProt Gene Name	TGFB1
UniProt Synonym Gene Names	TGF-beta-1; LAP
UniProt Entry Name	TGFB1_HORSE

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-horse-elisa-kits/transforming-growth-factor-beta-1/112854>