

Bovine transforming growth factor, beta 2 ELISA Kit | TGFB2 elisa kit

Bovine transforming growth factors beta2, TGFbeta2 ELISA Kit

CATALOG #
AAA15373

REACTIVITY
Bovine

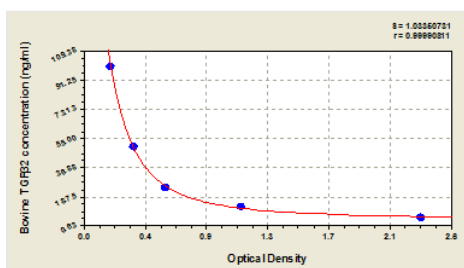
PRODUCT SYNONYMS

transforming growth factor; beta 2; Bovine transforming growth factors beta2; TGFbeta2 ELISA Kit; MGC116892; TGF-beta2; ; TGFB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of bovine TGFbeta2. No significant cross-reactivity or interference between bovine TGFbeta2 and analogues was observed.
Sequence Length	414
Assay Type	Competitive
Samples	Serum, plasma, tissue homogenates
Detection Range	6.25 ng/ml-100 ng/ml
Sensitivity	< 6.25 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. 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 TGFB2 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 an antibody specific to TGFbeta2. Standards or samples are added to the appropriate microtiter plate wells with Biotin-conjugated TGFbeta2. A competitive inhibition reaction is launched between TGFbeta2 (Standards or samples) and Biotin-conjugated TGFbeta2 with the pre-coated antibody specific for TGFbeta2. The more amount of TGFbeta2 in samples, the less antibody bound by Biotin-conjugated TGFbeta2. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Substrate solution is added to the wells and the color develops in opposite to the amount of TGFbeta2 in the sample. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	164420791
NCBI GeneID	534069
NCBI Accession #	NP_001106723.1
NCBI GenBank Nucleotide #	NM_001113252.1
UniProt Accession #	P21214
Molecular Weight	47,692 Da
NCBI Official Full Name	transforming growth factor beta-2
NCBI Official Symbol	TGFB2
NCBI Official Synonym Symbols	MGF
NCBI Protein Information	transforming growth factor beta-2; TGF-beta-2; milk growth factor
UniProt Protein Name	Transforming growth factor beta-2
UniProt Gene Name	TGFB2
UniProt Synonym Gene Names	TGF-beta-2; MGF
UniProt Entry Name	TGFB2_BOVIN

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/tgfb2-bovine-ovine-elisa-kits/transforming-growth-factor-beta-2/15373>