

Porcine Transforming Growth Factor Beta 3 (TGFb3) CLIA Kit | TGFb3 clia kit

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CATALOG # AAA189055	REACTIVITY Porcine	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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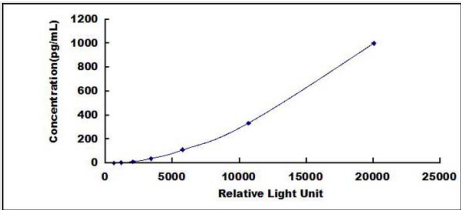
PRODUCT SYNONYMS

Transforming Growth Factor Beta 3 (TGFb3); Porcine Transforming Growth Factor Beta 3 (TGFb3) CLIA Kit; Transforming Growth Factor Beta 3; TGF-B3; LAP; Latency-associated peptide; TGFb3 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This assay has high sensitivity and excellent specificity for detection of Transforming Growth Factor Beta 3 (TGFb3). No significant cross-reactivity or interference between Transforming Growth Factor Beta 3 (TGFb3) and analogues was observed.
Sequence Length	409
Assay Type	Double-antibody Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	1.37-1,000pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.53pg/mL
Applicable Applications for TGFb3 clia kit	CLIA (Chemiluminescence Immunoassay)
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Transforming Growth Factor Beta 3 (TGFb3) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Transforming Growth Factor Beta 3 (TGFb3) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Test Principle	The microplate provided in this kit has been pre-coated with an antibody specific to Transforming Growth Factor Beta 3 (TGFb3). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Transforming Growth Factor Beta 3 (TGFb3). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Transforming Growth Factor Beta 3 (TGFb3) level in the sample or standard.
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

NCBI AND UNIPROT INFORMATION

NCBI GI #	47523474
NCBI GeneID	397400
NCBI Accession #	NP_999363.1
NCBI GenBank Nucleotide #	NP_999363.1
UniProt Accession #	P15203
NCBI Official Full Name	transforming growth factor beta-3 proprotein
NCBI Official Synonym Full Names	transforming growth factor beta 3
NCBI Official Symbol	TGFB3
NCBI Protein Information	transforming growth factor beta-3 proprotein; transforming growth factor beta-3
UniProt Protein Name	Transforming growth factor beta-3
UniProt Gene Name	TGFB3
UniProt Synonym Gene Names	TGF-beta-3; LAP
UniProt Entry Name	TGFB3_PIG

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://www.aaabiotech.com/porcine-clia-kits/transforming-growth-factor-beta-3-tgfb3/189055>