

Chicken TGF-B3 (Transforming Growth Factor beta3) ELISA Kit | TGF-B3 elisa kit

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CATALOG #
AAA249559

REACTIVITY
Chicken

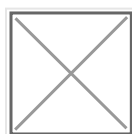
PRODUCT SYNONYMS

TGF-B3 (Transforming Growth Factor beta3); Chicken TGF-B3 (Transforming Growth Factor beta3) ELISA Kit; Transforming growth factor beta-3 proprotein; Latency-associated peptide; LAP; Transforming growth factor beta-3; TGF-beta-3; TGFβ3; TGF-B3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of TGF-B3. No significant cross-reactivity or interference between TGF-B3 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TGF-B3 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	45382047
NCBI GeneID	396438

NCBI Accession #	NP_990785.1
NCBI GenBank Nucleotide #	NM_205454.1
UniProt Accession #	P16047
Molecular Weight	47,078 Da
NCBI Official Full Name	transforming growth factor beta-3 preproprotein
NCBI Official Synonym Full Names	transforming growth factor, beta 3
NCBI Official Symbol	TGFB3
NCBI Official Synonym Symbols	TGF-beta3
NCBI Protein Information	transforming growth factor beta-3; TGF-beta-3; transforming growth factor-beta3
UniProt Protein Name	Transforming growth factor beta-3
UniProt Gene Name	TGFB3
UniProt Synonym Gene Names	TGF-beta-3; LAP
UniProt Entry Name	TGFB3_CHICK

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/chicken-elisa-kits/tgf-b3-transforming-growth-factor-beta3/249559>