

Human transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase) ELISA Kit | TGM2 elisa kit

human transglutaminase 2C polypeptide, TGM2 ELISA Kit

CATALOG #
AAA15494

REACTIVITY
Human

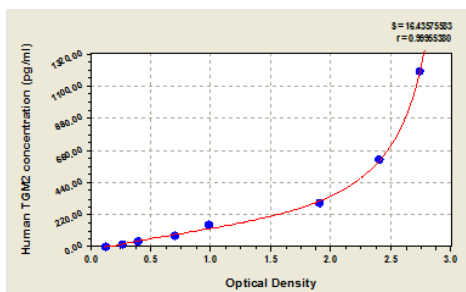
PRODUCT SYNONYMS

transglutaminase 2 (C polypeptide; protein-glutamine-gamma-glutamyltransferase); human transglutaminase 2C polypeptide; TGM2 ELISA Kit; RP5-1054A22.2; G-ALPHA-h; GNAH; TG2; TGC; C polypeptide; TGase C; TGase-H; protein-glutamine-gamma-glutamyltransferase; tissue transglutaminase; transglutaminase 2; transglutaminase C; TGM2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human TGM2. No significant cross-reactivity or interference between human TGM2 and analogues was observed.
Sequence Length	687
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	18.75 pg/ml-1200 pg/ml
Sensitivity	< 4.7 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 TGM2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for TGM2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TGM2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TGM2 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 TGM2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	39777597
NCBI GeneID	7052
NCBI Accession #	NP_004604.2
NCBI GenBank Nucleotide #	NM_004613.2
UniProt Accession #	P21980; Q16436; Q6B838; Q9BTN7; Q9UH35; E1P5V9
Molecular Weight	77,329 Da
NCBI Official Full Name	protein-glutamine gamma-glutamyltransferase 2 isoform a
NCBI Official Synonym Full Names	transglutaminase 2
NCBI Official Symbol	TGM2
NCBI Official Synonym Symbols	TG2; TGC; GNAH; HEL-S-45; G-ALPHA-h
NCBI Protein Information	protein-glutamine gamma-glutamyltransferase 2; TG(C); TGase C; TGase H; TGase-2; TGase-H; transglutaminase C; transglutaminase H; transglutaminase-2; tissue transglutaminase; epididymis secretory protein Li 45; protein-glutamine-gamma-glutamyltransferase; C polypeptide, protein-glutamine-gamma-glutamyltransferase
UniProt Protein Name	Protein-glutamine gamma-glutamyltransferase 2
UniProt Gene Name	TGM2
UniProt Synonym Gene Names	TG(C); TGC; TGase C; TGase H; TGase-2
UniProt Entry Name	TGM2_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/tgm2-human-elisa-kits/transglutaminase-2-c-polypeptide-protein-glutamine-gamma-glutamyltransferase/15494>