

Mouse Transglutaminase 1, Keratinocyte (TGM1) RTU ELISA Kit | TGM1 rtu elisa kit

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CATALOG #
AAA218745

REACTIVITY
Mouse

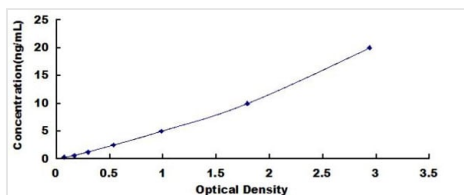
PRODUCT SYNONYMS

Transglutaminase 1; Keratinocyte (TGM1); Mouse Transglutaminase 1; Keratinocyte (TGM1) ELISA Kit; TGK; ICR2; KTG; LI; LI1; TGASE; Transglutaminase K; K Polypeptide Epidermal Type I; Protein-Glutamine-Gamma-Glutamyltransferase; TGM1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	815
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.122ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TGM1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TGM1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TGM1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain TGM1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of TGM1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	239787890
NCBI GeneID	21816
NCBI Accession #	NP_001155186.1
NCBI GenBank Nucleotide #	NM_001161714.1
UniProt Accession #	Q9JLF6; Q8R0T9
Molecular Weight	89,826 Da
NCBI Official Full Name	protein-glutamine gamma-glutamyltransferase K
NCBI Official Synonym Full Names	transglutaminase 1, K polypeptide
NCBI Official Symbol	Tgm1
NCBI Official Synonym Symbols	Tgase1; 2310004J08Rik
NCBI Protein Information	protein-glutamine gamma-glutamyltransferase K
UniProt Protein Name	Protein-glutamine gamma-glutamyltransferase K
UniProt Gene Name	Tgm1
UniProt Synonym Gene Names	TG(K); TGK; TGase K; TGase-1

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/mouse-rtu-elisa-kits/transglutaminase-1-keratinocyte-tgm1/218745>