

Human Growth Hormone Inducible Transmembrane Protein ELISA Kit | GHITM elisa kit

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CATALOG #
AAA97833

REACTIVITY
Human

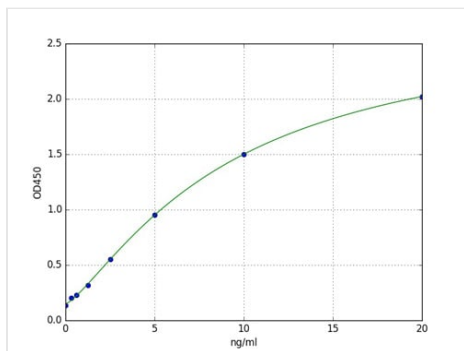
PRODUCT SYNONYMS

Growth Hormone Inducible Transmembrane Protein; Human Growth Hormone Inducible Transmembrane Protein ELISA Kit; GHITM/My021/UNQ244/PRO281/DERP2/MICS1/TMBIM5/Transmembrane BAX inhibitor motif-containing protein 5/Dermal papilla-derived protein 2/Mitochondrial morphology and cristae structure 1; GHITM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	345
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
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)

Typical Data & Standard Curve

Results of a typical standard run of a Human GHITM ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.078	0.148	0.241	0.346	0.703	1.098	2.002	2.512

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GHITM elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human GHITM antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human GHITM antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Human GHITM amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human GHITM can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14714457
NCBI GeneID	27069
Molecular Weight	37,205 Da
NCBI Official Full Name	Growth hormone inducible transmembrane protein
NCBI Official Synonym Full Names	growth hormone inducible transmembrane protein
NCBI Official Symbol	GHITM
NCBI Official Synonym Symbols	DERP2; MICS1; My021; PTD010; TMBIM5; HSPC282
NCBI Protein Information	growth hormone-inducible transmembrane protein
UniProt Protein Name	Growth hormone-inducible transmembrane protein
UniProt Gene Name	GHITM
UniProt Synonym Gene Names	DERP2; MICS1; TMBIM5; MICS1
UniProt Entry Name	GHITM_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.

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Online datasheet: <https://stage.aaabiotech.com/ghitm-human-elisa-kits/growth-hormone-inducible-transmembrane-protein/97833>