

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

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CATALOG # AAA91999	REACTIVITY Chicken
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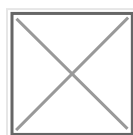
PRODUCT SYNONYMS

Growth Hormone Inducible Transmembrane Protein; Chicken Growth Hormone Inducible Transmembrane Protein ELISA Kit; GHITM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This GHITM ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken GHITM. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GHITM elisa kit	Principle of the assay: GHITM ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GHITM antibody and an GHITM-HRP conjugate. The assay sample and buffer are incubated together with GHITM-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the GHITM concentration since GHITM from samples and GHITM-HRP conjugate compete for the anti-GHITM antibody binding site. Since the number of sites is limited, as more sites are occupied by GHITM from the sample, fewer sites are left to bind GHITM-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GHITM concentration in each sample is interpolated from this standard curve.
Product Categories/Family for GHITM elisa kit	Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	118200356
NCBI GeneID	27069
NCBI Accession #	NP_055209.2

NCBI GenBank Nucleotide #	NM_014394.2
UniProt Accession #	Q6FIA7 ; Q5VT94 ; Q658I8 ; Q9H3K2 ; Q9P099 ; Q9Y6G2
Molecular Weight	37,279 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; dermal papilla-derived protein 2; transmembrane BAX inhibitor motif containing 5; mitochondrial morphology and cristae structure 1; transmembrane BAX inhibitor motif-containing protein 5
UniProt Protein Name	GHITM protein
UniProt Gene Name	GHITM
UniProt Entry Name	Q6FIA7_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-chicken-elisa-kits/growth-hormone-inducible-transmembrane-protein/91999>