

Human Major Histocompatibility Complex Class I G ELISA Kit | MHCG elisa kit

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CATALOG #
AAA99183

REACTIVITY
Human

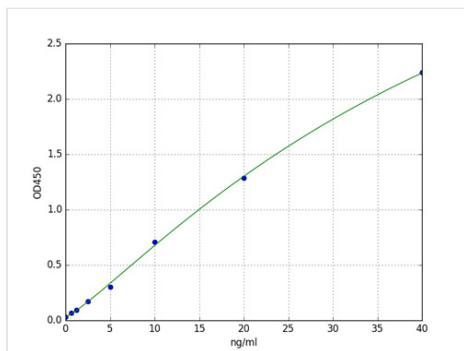
PRODUCT SYNONYMS

Major Histocompatibility Complex Class I G; Human Major Histocompatibility Complex Class I G ELISA Kit; MHCG; MHCG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	338
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.625-40ng/ml
Sensitivity	0.375ng/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 MHCG 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	0.625	1.25	2.5	5	10	20	40
Y	OD450	0.019	0.167	0.299	0.589	0.931	1.462	1.834	2.076

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MHCG elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human MHCG antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human MHCG 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 MHCG amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human MHCG can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

86197916

NCBI GeneID	3135
Molecular Weight	38,224 Da
NCBI Official Full Name	major histocompatibility complex, class I, G
NCBI Official Synonym Full Names	major histocompatibility complex, class I, G
NCBI Official Symbol	HLA-G
NCBI Official Synonym Symbols	MHC-G
NCBI Protein Information	HLA class I histocompatibility antigen, alpha chain G
UniProt Protein Name	HLA class I histocompatibility antigen, alpha chain G
UniProt Gene Name	HLA-G
UniProt Synonym Gene Names	HLA-6.0; HLAG
UniProt Entry Name	HLAG_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/mhcg-human-elisa-kits/major-histocompatibility-complex-class-i-g/99183>