

Human Major Histocompatibility Complex Class I G (MHCG) RTU ELISA Kit | MHCG rtu elisa kit

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CATALOG #
AAA217030

REACTIVITY
Human

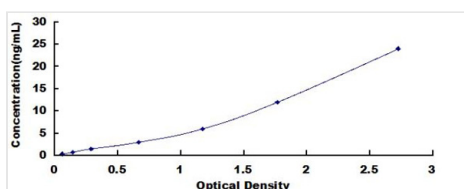
PRODUCT SYNONYMS

Major Histocompatibility Complex Class I G (MHCG); Human Major Histocompatibility Complex Class I G (MHCG) ELISA Kit; HLA-G; MHC-G; HLAG; Leukocyte Antigen G; b2 microglobulin; HLA class I histocompatibility antigen; alpha chain G; MHCG rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	338
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	0.375-24ng/mL
Sensitivity	0.153ng/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 MHCG rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MHCG. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MHCG. 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 MHCG, 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 MHCG in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504415
NCBI GeneID	3135
NCBI Accession #	NP_002118.1
NCBI GenBank Nucleotide #	NM_002127.5
UniProt Accession #	P17693
Molecular Weight	13,286 Da
NCBI Official Full Name	HLA class I histocompatibility antigen, alpha chain G isoform 2
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

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/human-rtu-elisa-kits/major-histocompatibility-complex-class-i-g-mhcg/217030>