

Human MHCG (Major Histocompatibility Complex Class I G) CLIA Kit | MHCG clia kit

Human MHCG (Major Histocompatibility Complex Class I G) CLIA Kit

CATALOG #
AAA22019

REACTIVITY
Human

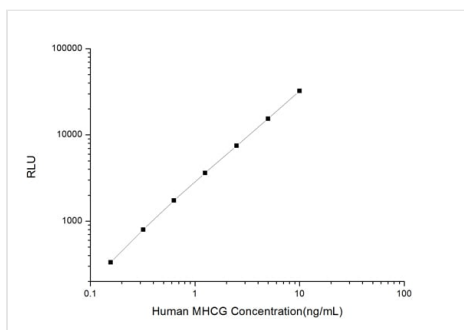
PRODUCT SYNONYMS

MHCG (Major Histocompatibility Complex Class I G); Human MHCG (Major Histocompatibility Complex Class I G) CLIA Kit; HLA-G5; MHC-G; MHCG clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human MHCG in samples. No significant cross-reactivity or interference between Human MHCG and analogues was observed.
Sequence Length	338
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.16-10ng/mL
Sensitivity	0.09ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human MHCG were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human MHCG were tested on 3 different plates, 20 replicates in each plate.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MHCG clia kit	Intended Uses: This CLIA kit applies to the in vitro quantitative determination of Human MHCG concentrations in serum, plasma and other biological fluids. Principle of the Assay: This CLIA kit uses the Sandwich- CLIA principle. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to Human MHCG. Standards or samples are added to the micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human MHCG and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human MHCG, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of Human MHCG. You can calculate the concentration of Human MHCG in the samples by comparing the RLU value of the samples to the standard curve.
---	--

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.