

Human major histocompatibility complex, class I, G ELISA Kit | HLA-G elisa kit

Human leukocyte antigen G, HLA-G ELISA Kit

CATALOG #
AAA15179

REACTIVITY
Human

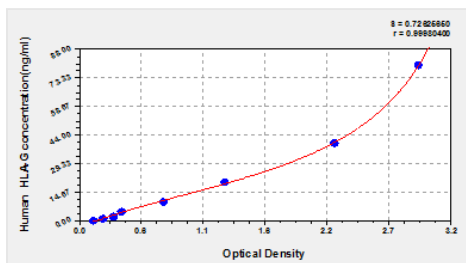
PRODUCT SYNONYMS

major histocompatibility complex; class I; G; Human leukocyte antigen G; HLA-G ELISA Kit; DADB-15K14.8; MHC-G; HLA class I molecule; HLA-G histocompatibility antigen; MHC class I antigen; b2 microglobulin; HLA-G elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human HLA-G. No significant cross-reactivity or interference between human HLA-G and analogues was observed.
Sequence Length	338
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1.25 ng/ml-80 ng/ml
Sensitivity	< 0.31 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HLA-G elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for HLA-G has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HLA-G present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HLA-G is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of HLA-G bound in the initial step. The color development is stopped and the intensity of the color is measured.
---	---

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	38,224 Da
NCBI Official Full Name	HLA class I histocompatibility antigen, alpha chain 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; HLA G antigen; b2 microglobulin; HLA class I molecule; MHC class I antigen G; HLA-G histocompatibility antigen, class I, 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/hla-g-human-elisa-kits/major-histocompatibility-complex-class-i-g/15179>