

Monkey Leukocyte antigen G ELISA Kit | HLA-G elisa kit

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CATALOG #
AAA95507

REACTIVITY
Monkey

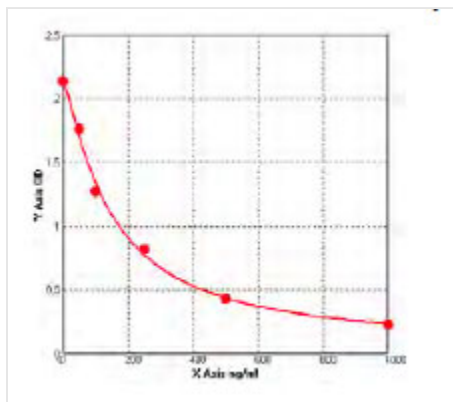
PRODUCT SYNONYMS

Leukocyte antigen G; Monkey Leukocyte antigen G ELISA Kit; HLA-G elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of LAG. No significant cross-reactivity or interference between LAG and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between LAG and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HLA-G elisa kit	Intended Uses: This LAG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey LAG. This ELISA kit for research use only! Principle of the Assay: LAG ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-LAG antibody and an LAG-HRP conjugate. The assay sample and buffer are incubated together with LAG-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 LAG concentration since LAG from samples and LAG-HRP conjugate compete for the anti-LAG antibody binding site. Since the number of sites is limited, as more sites are occupied by LAG from the sample, fewer sites are left to bind LAG-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LAG concentration in each sample is interpolated from this standard curve.
Product Categories/Family for HLA-G elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	1633633
Molecular Weight	20,995 Da
NCBI Official Full Name	HLA-G, partial
UniProt Protein Name	HLA-G
UniProt Gene Name	HLA-G
UniProt Entry Name	O19767_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/hla-g-monkey-elisa-kits/leukocyte-antigen-g/95507>