

Mouse histidine-rich glycoprotein ELISA Kit | HRG elisa kit

Mouse Histidine-rich glycoprotein, HRG ELISA Kit

CATALOG #
AAA112977

REACTIVITY
Mouse

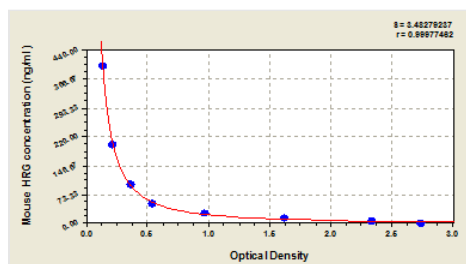
PRODUCT SYNONYMS

histidine-rich glycoprotein; Mouse Histidine-rich glycoprotein; HRG ELISA Kit; Mouse Histidine-rich glycoprotein (HRG) ELISA kit; DKFZp779H1622; HPRG; HRGP; histidine-proline rich glycoprotein; HRG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse HRG. No significant cross-reactivity or interference between mouse HRG and analogues was observed.
Sequence Length	536
Samples	Serum, plasma, tissue homogenates
Assay Type	Competitive
Detection Range	6.25 ng/ml-400 ng/ml.
Sensitivity	The minimum detectable dose of mouse HRG is typically less than 3.12 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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 HRG elisa kit	Principle of the assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with HRG. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for HRG. The competitive inhibition reaction is launched between with pre-coated HRG and HRG in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of HRG in the samples. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	226958456
NCBI GeneID	94175
NCBI Accession #	NP_444406.2
NCBI GenBank Nucleotide #	NM_053176.2
UniProt Accession #	Q9ESB3; Q6YK32; Q6YKA2; Q99PS5; Q99PS6
Molecular Weight	59,163 Da
NCBI Official Full Name	histidine-rich glycoprotein
NCBI Official Synonym Full Names	histidine-rich glycoprotein
NCBI Official Symbol	Hrg
NCBI Official Synonym Symbols	Hprg; Hrgp; D16jh2; D18020; AI265597; AW413091
NCBI Protein Information	histidine-rich glycoprotein; histidine-proline-rich glycoprotein
UniProt Protein Name	Histidine-rich glycoprotein
UniProt Gene Name	Hrg
UniProt Synonym Gene Names	HPRG
UniProt Entry Name	HRG_MOUSE

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.