For Research Use Only

Mouse HRG Recombinant monoclonal antibody, PBS Only (Capture/Detector)

Catalog Number:88875-2-PBS

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
88875-2-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG9623

GenBank Accession Number:
/

GeneID (NCBI):
94175

UNIPROT ID:
Q9ESB3

Full Name:
histidine-rich glycoprotein

Calculated MW:
59 kDa

Purification Method:
Protein A purification

CloneNo.:
261768B8

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA

Species Specificity:
mouse

Product Information

88875-2-PBS targets HRG as part of a matched antibody pair:

MP03716-1: 88875-3-PBS capture and 88875-2-PBS detection (validated in Cytometric bead array)

MP03716-2: 88875-2-PBS capture and 88875-4-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications.Antibody use should be optimized by the end user for each application and assay.

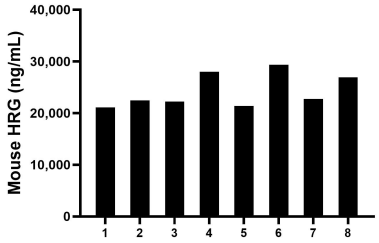
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

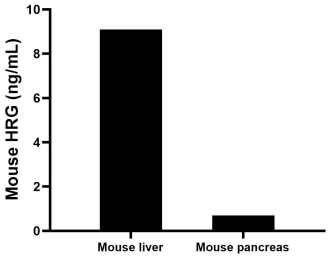
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

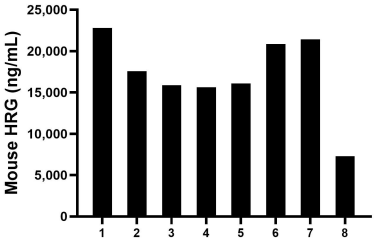
Selected Validation Data



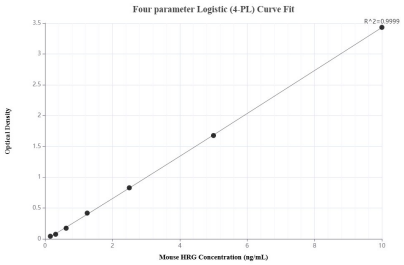
Plasma of eight individual healthy donors was measured. The human HRG concentration of detected samples was determined to be 24,278.90 ng/mL with a range of 21,105.61 - 29,357.08 ng/mL.



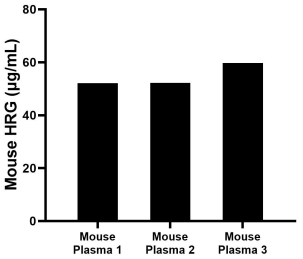
The mean HRG concentration was determined to be 9.10 ng/mL in mouse liver tissue extract based on a 1.2 mg/mL extract load and 0.70 ng/mL in mouse pancreas tissue extract based on a 10.6 mg/mL extract load.



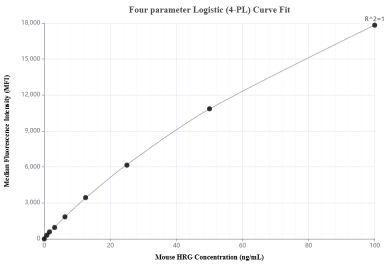
Serum of eight individual healthy donors was measured. The human HRG concentration of detected samples was determined to be 17,192.13 ng/mL with a range of 7,293.34 - 22,802.37 ng/mL.



Sandwich ELISA standard curve of MP03716-2, Mouse HRG Recombinant Matched Antibody Pair - PBS only. 88875-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg9623. 88875-4-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



The mean HRG concentration was determined to be 52.1 µg/mL in mouse plasma 1, 52.2 µg/mL in mouse plasma 2, 59.7 µg/mL in mouse plasma 3.



Cytometric bead array standard curve of MP03716-1, MOUSE HRG Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88875-3-PBS. Detection antibody: 88875-2-PBS. Standard: Eg9623. Range: 0.781-100 ng/mL.