For Research Use Only

Mouse HRG Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP03716-2

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

Capture Antibody Information

Catalog Number:
88875-2-PBS

Clone ID:
261768B8

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
mouse

Full name:
histidine-rich glycoprotein

Isotype:
IgG

Immunogen Catalog Number:
Eg9623

Gene ID:
94175

Purification Method:
Protein A purification

Detection Antibody Information

Catalog Number:
88875-4-PBS

Clone ID:
261768B6

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
mouse

Full name:
histidine-rich glycoprotein

Isotype:
IgG

GenBank:
/

Gene ID:
94175

Purification Method:
Protein A purification

Immunogen Catalog Number:
Eg9623

Applications

Tested Applications:
Sandwich ELISA

Range:
0.156-10 ng/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP03716-2 targets HRG in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse HRG Recombinant monoclonal antibody, PBS Only (Capture/Detector) 88875-2-PBS (261768B8). 100 µg. Concentration 1 mg/ml.

Detection antibody: Mouse HRG Recombinant monoclonal antibody, PBS Only (Detector) 88875-4-PBS (261768B6). 100 µg. Concentration 1 mg/ml.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

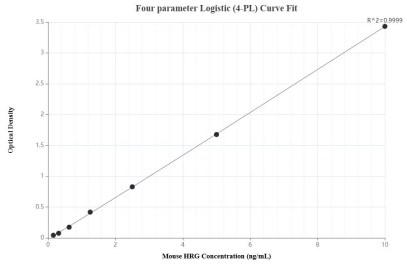
Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

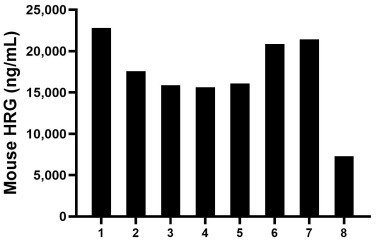
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

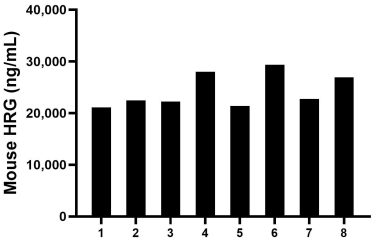
Selected Validation Data



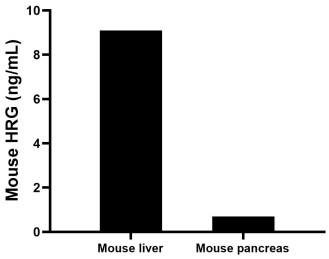
Sandwich ELISA standard curve of MP03716-2, Mouse HRG Recombinant Matched Antibody Pair - PBS only. 88875-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg9623. 88875-4-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



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.



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.