

For Research Use Only

Pig IL-4 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:87065-1-PBS



Basic Information

Catalog Number:

87065-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG4866

GenBank Accession Number:

NM_214123.1

GeneID (NCBI):

397225

UNIPROT ID:

Q04745

Full Name:

Interleukin-4

Calculated MW:

15 kDa

Purification Method:

Protein A purification

CloneNo.:

250935H1

Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA

Species Specificity:

pig

Background Information

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

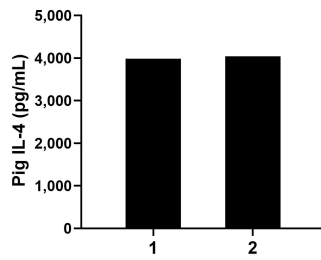
T: 4006900926

E: Proteintech-CN@ptglab.com

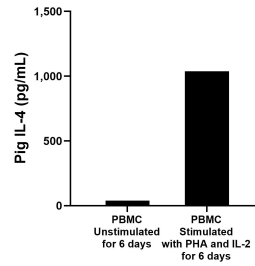
W: ptgcn.com

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

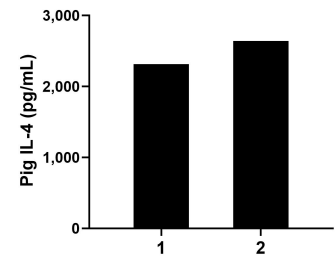
Selected Validation Data



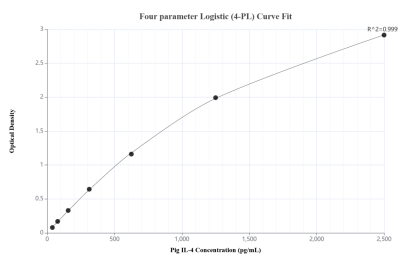
Plasma of two pigs was measured. The IL-4 concentration of detected samples was determined to be 4,012.4 pg/mL with a range of 3,984.3-4,040.6 pg/mL.



Pig peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 μ g/mL PHA and IL-2 for 6 days. The mean IL-4 concentration was determined to be 39.0 pg/mL in unstimulated PBMC supernatant, 1,037.5 pg/mL in PHA and IL-2 stimulated PBMC supernatant.



Serum of two pigs was measured. The IL-4 concentration of detected samples was determined to be 2,477.4 pg/mL with a range of 2,315.1-2,639.8 pg/mL.



Sandwich ELISA standard curve of MP02860-1, Pig IL-4 Recombinant Matched Antibody Pair - PBS only. 87065-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg4866. 87065-1-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL.