

For Research Use Only

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

Catalog Number:87065-2-PBS



## Basic Information

Catalog Number:

87065-2-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.:

250935G4

## 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:

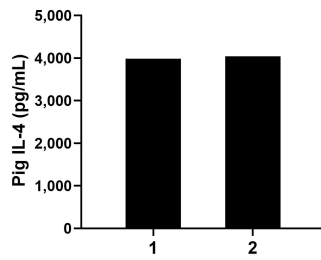
T: 4006900926

E: Proteintech-CN@ptglab.com

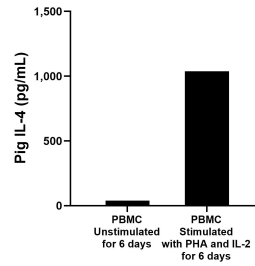
W: ptgcn.com

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

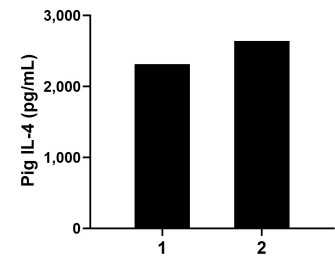
## Selected Validation Data



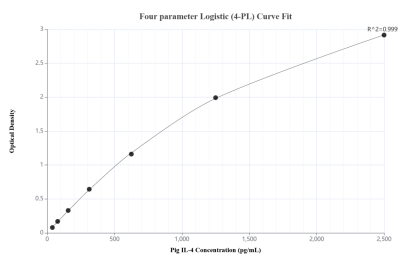
Plasma of two pigs was measured. The IL-4 concentration of detected samples was determined to be 4,012.4 pg/mL with a range of 3,984.3-4,040.6 pg/mL.



Pig peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10  $\mu$ 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.