

Datasheet: PPP028

BATCH NUMBER 171686

Description:	RECOMBINANT PIG INTERLEUKIN-17A
Name:	IL-17A
Format:	Rec. Protein
Product Type:	Recombinant Protein
Quantity:	5 µg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			
Western Blotting	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Pig
Product Form	Purified recombinant protein - lyophilized
Reconstitution	Reconstitute with 20 µl sterile PBS containing 0.1% carrier protein Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.
Preparation	Recombinant protein expressed in <i>Pichia pastoris</i> and purified by ion-exchange chromatography
Source	<i>Pichia pastoris</i>
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	10% Trehalose

**External Database
Links**

UniProt:

[Q60I29](#) [Related reagents](#)

Entrez Gene:

[449530](#) IL17A [Related reagents](#)

Synonyms

IL17

Product Information

Recombinant pig interleukin-17A (IL-17A) is a recombinant protein corresponding to aa 24-153 of native porcine IL-17A.

Native porcine IL-17A is a 17.3 kDa regulatory cytokine belonging to the IL-17 cytokine family. Porcine IL-17A is produced primarily in activated T cells and is found at high levels in porcine intestinal tissues including the jejunum and ileum. Porcine IL-17A functions in the mediation of proinflammatory and induces the production of other cytokines.

**Protein Molecular
Weight**

14.9 kDa

Purity

>95% by SDS PAGE analysis

ELISA

This reagent may be used as a standard in a sandwich ELISA assay in conjunction with [AHP2395](#) as a coating antibody and [AHP2395B](#) as a detection antibody.

References

1. Dawson, H.D. *et al.* (2020) Porcine cytokines, chemokines and growth factors: 2019 update. [Res Vet Sci. 131: 266-300.](#)

Storage

Prior to reconstitution store at -20°C.
After reconstitution store at -20°C.
Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein.

Guarantee

12 months from date of despatch

**Health And Safety
Information**

Material Safety Datasheet documentation #10591 available at:
<https://www.bio-rad-antibodies.com/SDS/PPP028>

Regulatory

For research purposes only

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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