

Datasheet: PPP023

**BATCH NUMBER 151338**

<b>Description:</b>	RECOMBINANT PIG INTERLEUKIN-6
<b>Name:</b>	IL-6
<b>Format:</b>	Rec. Protein
<b>Product Type:</b>	Recombinant Protein
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Pig
<b>Product Form</b>	Purified recombinant protein - lyophilised
<b>Reconstitution</b>	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.
<b>Preparation</b>	Recombinant protein expressed in <i>Pichia pastoris</i> and purified by ion-exchange chromatography
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	10% Trehalose
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P26893</a> <a href="#">Related reagents</a>

**Entrez Gene:**

[399500](#) IL6 [Related reagents](#)

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**Product Information** **Recombinant Pig interleukin-6 (IL-6)** is a recombinant protein corresponding to aa 29-212 of native porcine IL-6.

Porcine interleukin-6 is a multifunctional cytokine secreted by a range of cell types, in particular T cells and macrophages. IL-6 has a range of activities and includes the differentiation of B cells into Ig producing cells, differentiation of lymphocytes and of monocytes. IL-6 functions in both a pro-inflammatory role where it is an important inducer of the acute phase response and also as an anti-inflammatory myokine.

Interleukin-6 induces myeloma growth and is an essential cytokine required for successful hybridoma growth.

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**Protein Molecular Weight** 20.9 kDa

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**Purity** >95% by SDS PAGE

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**ELISA** This reagent may be used as a standard in a sandwich ELISA assay in conjunction with [AHP2391](#) as a coating antibody and [AHP2391B](#) as a detection antibody.

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**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.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10591 available at: <https://www.bio-rad-antibodies.com/SDS/PPP023>  
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**Regulatory** For research purposes only

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

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