

Datasheet: PDP021

BATCH NUMBER 153950

Description:	RECOMBINANT DOG LEUKEMIA INHIBITORY FACTOR
Name:	LEUKEMIA INHIBITORY FACTOR
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	Dog
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
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	10% Trehalose
External Database Links	UniProt: J9NRL6 Related reagents

Product Information **Recombinant Dog Leukemia Inhibitory Factor (LIF)** is a recombinant protein corresponding to aa 23-202 of native dog LIF.

Dog LIF is a chemokine belonging to the IL-6 cytokine family. LIF inhibits differentiation in normal stem cells, but in leukemic myeloid cells, it induces differentiation thereby preventing further growth.

Protein Molecular Weight	19.7 kDa
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Purity	>95% by SDS PAGE analysis
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ELISA	This reagent may be used as a standard in a sandwich ELISA assay in conjunction with AHP2824 as a coating antibody and AHP2824B 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.
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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/PDP021 10591
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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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