

Datasheet: PDP009

BATCH NUMBER 155852

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| Description: | RECOMBINANT DOG IFN ALPHA |
| Name: | IFN ALPHA |
| 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.

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| 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 |
| Product Information | Recombinant Dog interferon alpha (IFNα) is a recombinant protein of approximately 19.0 kDa corresponding to a 164 amino acid sequence from native canine IFN α . |

Canine IFN α is a type I interferon belonging to the alpha/beta interferon family. IFN α is produced by macrophages and involved in defence against viral infections.

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| Protein Molecular Weight | 19.0 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 AHP2976 as a coating antibody and AHP2976B 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/PDP00910591 |
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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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