

Datasheet: PBP019

BATCH NUMBER 160445

Description:	RECOMBINANT BOVINE INTERFERON ALPHA A
Name:	IFN ALPHA A
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	▪			
Functional Assays	▪			

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	Bovine
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:

[P05007](#) [Related reagents](#)

Entrez Gene:

[515951](#) IFNAA [Related reagents](#)

Product Information **Recombinant Bovine interferon alpha A (IFN α A)** is a recombinant protein of approximately 19.0 kDa corresponding to aa 24-189 of native bovine IFN α A.

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

Protein Molecular Weight 19.0 kDa

Purity >95% by SDS PAGE analysis

ELISA This reagent may be used as a standard in a sandwich ELISA assay in conjunction with [AHP2370](#) as a coating antibody and [AHP2370B](#) as a detection antibody.

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/PBP019>
10591

Regulatory For research purposes only

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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)

'M334885:181203'

Printed on 18 Jan 2024

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)