**Description:** RECOMBINANT CHICKEN INTERFERON ALPHA

**Name:** IFN ALPHA

**Other names:** INTERFERON ALPHA

**Format:** Rec. Protein

**Product Type:** Recombinant Protein

**Quantity:** 50 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).

<table>
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<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<tbody>
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<td>ELISA</td>
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<td>Functional Assays</td>
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Where this protein 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**

Chicken

**Product Form**

Purified recombinant protein expressed in *E.coli* - liquid.

**Preparation**

Recombinant protein prepared from *E.coli*

**Source**

*E.coli*

**Buffer Solution**

0.05M Sodium Acetate
1M Sodium Chloride
0.01M Tris-HCl
2M Urea
10mM Beta-Mercaptoethanol

**Preservative Stabilisers**

None present

**Approx. Protein Concentrations**

Total protein concentration 1.0 mg/ml
Recombinant Chicken interferon alpha (IFN alpha) shares structural and biological properties with mammalian IFN1. Recombinant chicken IFN alpha (rChIFNa) has been shown to act as a highly potent anti-viral agent in vitro (Schultz, U. et al. 1995). rChIFNa also resulted in a noticeable delay in the progression of tumors in CC progressor chickens infected with Rous Sarcoma Virus, when administered intravenously (Plachy, J. et al. 1999).

Recombinant chicken interferon alpha is the immunogen used to produce the polyclonal Rabbit anti Chicken interferon alpha antibody.

**Protein Molecular Weight**
19 kD

**Activity**
1x10^7 units/mg

**Purity**
>85% by Ni chelate chromatography

**References**

**Further Reading**
Storage

Store at -20°C only.

Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the protein.

This product should be stored undiluted.

Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

3 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #20481 available at:
https://www.bio-rad-antibodies.com/SDS/PAP004

20481

Regulatory

For research purposes only