

Datasheet: AHP2370

**BATCH NUMBER 142357**

|                      |                                     |
|----------------------|-------------------------------------|
| <b>Description:</b>  | GOAT ANTI BOVINE INTERFERON ALPHA A |
| <b>Specificity:</b>  | IFN ALPHA A                         |
| <b>Format:</b>       | Purified                            |
| <b>Product Type:</b> | Polyclonal Antibody                 |
| <b>Isotype:</b>      | Polyclonal IgG                      |
| <b>Quantity:</b>     | 0.1 mg                              |

## 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 |
|----------------------------|-----|----|----------------|--------------------|
| Flow Cytometry             |     |    | ▪              |                    |
| Immunohistology - Frozen   |     |    | ▪              |                    |
| Immunohistology - Paraffin |     |    | ▪              |                    |
| ELISA                      | ▪   |    |                | 1ug/ml - 5ug/ml    |
| Immunoprecipitation        |     |    | ▪              |                    |
| Western Blotting           | ▪   |    |                | 0.1ug/ml - 2ug/ml  |

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

### Species Cross Reactivity

Does not react with: Pig, Chicken, Dog, Horse

### Product Form

Purified IgG - liquid

### Antiserum Preparation

Antisera to bovine interferon alpha A were raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

### Buffer Solution

Phosphate buffered saline

### Preservative

0.09% Sodium Azide (NaN<sub>3</sub>)

## Stabilisers

---

**Approx. Protein Concentrations** IgG concentration 1.0 mg/ml

---

**Immunogen** Recombinant bovine IFN $\alpha$ A

---

### External Database Links

**UniProt:**

[P05007](#)    [Related reagents](#)

**Entrez Gene:**

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

---

**Specificity** **Goat anti Bovine interferon alpha A antibody** recognizes bovine interferon alpha A (IFN $\alpha$ A ), a 21.4 kDa type I interferon belonging to the alpha/beta interferon family. IFN $\alpha$ A is produced by macrophages and involved in defence against viral infections.

---

**ELISA** This product may be used as a capture antibody in a sandwich ELISA together with [AHP2370B](#) as the detection reagent. Recombinant Bovine interferon alpha A ([PBP019](#)) may be used as a standard.

---

**Storage** Store at +4°C. DO NOT FREEZE.  
This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

---

**Guarantee** 12 months from date of despatch

---

**Health And Safety Information** Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/AHP237010040>

---

**Regulatory** For research purposes only

---

## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

**North & South America** Tel: +1 800 265 7376

Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto: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](mailto: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](mailto: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)

'M334158:181127'

Printed on 01 Mar 2024

---