

Datasheet: PBP010

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| Description: | RECOMBINANT BOVINE INTERLEUKIN-4 |
| Name: | IL-4 |
| Format: | S/N |
| Product Type: | Recombinant Protein |
| Quantity: | 1 ml |

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 | ▪ | | | |

Where this protein has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate positive/negative controls.

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| Target Species | Bovine |
| Product Form | Tissue Culture Supernatant from COS-7 cells expressing recombinant bovine Interleukin - 4 - lyophilised |
| Reconstitution | Reconstitute with 1 ml distilled water |
| Preservative Stabilisers | 1% Bovine Serum Albumin The addition of 0.09% w/v sodium azide is recommended for long term storage at 4°C. |
| Approx. Protein Concentrations | rbov IL - 4 at 36 ng/ml |
| External Database Links | UniProt: P30367 Related reagents Entrez Gene: 280824 IL4 Related reagents |

Product Information **Recombinant Bovine interleukin-4** may be used as a standard in ELISA assays to

determine bovine IL - 4 levels. This product demonstrates functional activity in activation assays utilising bovine B lymphocytes, although a formal ED50 value has not been determined.

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| Storage | Prior to reconstitution store at +4°C. After reconstitution store at +4°C or at -20°C if preferred. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein. 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 #10219 available at: 10219: https://www.bio-rad-antibodies.com/uploads/MSDS/10219.pdf |
| Regulatory | For research purposes only |

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|----------------------------------|---|------------------|---|---------------|---|
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'M369470:200529'

Printed on 02 Mar 2021

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