# Datasheet: BUF048

## BATCH NUMBER 0414

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| **Description:** | OVALBUMIN:HRP |
| **Name:** | OVALBUMIN |
| **Format:** | HRP |
| **Product Type:** | Accessory Reagent |
| **Quantity:** | 0.5 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.

| | Yes | No | Not Determined | Suggested Dilution |
|---|---|---|---|---|
| ELISA | ▪ | | | 1/50 - 1/150 |

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.

**Product Form**

Purified Ovalbumin conjugated to Horseradish Peroxidase (HRP) - liquid

**Buffer Solution**

Phosphate buffered saline

**Preservative Stabilisers**

HRP stabiliser (BUF052A)
0.01% Thiomersal

**Approx. Protein Concentrations**

1.0mg/ml

**Intended Use**

BUF048 is a preparation of HRP conjugated ovalbumin, which may be used for the measurement of ovalbumin specific IgE in immunoassay systems, without species restriction.

**References**

1. Hansen, J.S. *et al.* (2016) Limonene and its ozone-initiated reaction products attenuate allergic lung inflammation in mice. J Immunotoxicol. 13 (6): 793-803.
2. Özkan, M. *et al.* (2021) Macrophage and dendritic cell subset composition can distinguish endotypes in adjuvant-induced asthma mouse models. PLoS One. 16 (6): e0250533.
3. Ghonim, M.A. *et al.* (2018) Sulfated non-anticoagulant heparin blocks Th2-induced

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| | asthma by modulating the IL-4/signal transducer and activator of transcription 6/Janus kinase 1 pathway. J Transl Med. 16 (1): 243. |
| **Storage** | Store at +4°C. DO NOT FREEZE.<br>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 #10287 available at:<br>https://www.bio-rad-antibodies.com/SDS/BUF048<br>10287 |
| **Regulatory** | For research purposes only |

## Related Products

### Recommended Useful Reagents

TMB CORE (BUF056A)
TMB CORE+ (BUF062A)
TMB SIGNAL+ (BUF054A)


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|---|---|---|---|---|---|
| **North & South America** | Tel: +1 800 265 7376<br>Fax: +1 919 878 3751<br>Email: antibody_sales_us@bio-rad.com | **Worldwide** | Tel: +44 (0)1865 852 700<br>Fax: +44 (0)1865 852 739<br>Email: antibody_sales_uk@bio-rad.com | **Europe** | Tel: +49 (0) 89 8090 95 21<br>Fax: +49 (0) 89 8090 95 50<br>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
'M364421:200529'

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