

Datasheet: BUF048

BATCH NUMBER 168200

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
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Buffer Solution	Phosphate buffered saline
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Preservative Stabilisers	0.0095% MIT
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Approx. Protein Concentrations	1.0mg/ml
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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.
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References

- 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.](#)
- 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.](#)
- Ghonim, M.A. *et al.* (2018) Sulfated non-anticoagulant heparin blocks Th2-induced

asthma by modulating the IL-4/signal transducer and activator of transcription 6/Janus kinase 1 pathway. [J Transl Med. 16 \(1\): 243.](#)

4. Heck, S. *et al.* (2018) Decreased Migration of Dendritic Cells into the Jugular-Nodose Ganglia by the CXCL12 Neutraligand Chalcone 4 in Ovalbumin-Sensitized Asthmatic Mice. [Neuroimmunomodulation. 24 \(6\): 331-40.](#)

Storage This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. 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: <https://www.bio-rad-antibodies.com/SDS/BUF048>
10287

Regulatory For research purposes only

Related Products

Recommended Useful Reagents

[TMB CORE \(BUF056A\)](#)

[TMB CORE+ \(BUF062A\)](#)

[TMB SIGNAL+ \(BUF054A\)](#)

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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)

'M430965:240618'

Printed on 18 Jun 2024

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