

***Haemophilus influenzae* Type B Oligosaccharide-Human Serum Albumin Conjugate (HbO-HA Antigen)**

Catalog No. NR-12268

For research use only. Not for human use.

Contributor:

Wyeth Pharmaceuticals

Product Description:

HbO-HA is an antigen preparation composed of various-sized oligosaccharide fragments of *Haemophilus influenzae* (*H. influenzae*) type B polysaccharide which have been conjugated to human serum albumin. HbO-HA has been prepared for use in ELISA as a coating antigen for quantitation of antibodies to *H. influenzae* type B polysaccharide.^{1,2}

Material Provided:

Each vial contains approximately 1 mg of lyophilized HbO-HA. It should be reconstituted with 1 mL of USP grade sterile nonpyrogenic water.

Packaging/Storage:

NR-12268 was packaged aseptically in glass serum vials. The product is provided on refrigerated bricks and should be stored at 4°C immediately upon arrival. Reconstituted HbO-HA may be stored for two weeks at 4°C if sterile technique is used for handling. For long-term storage of reconstituted HbO-HA, -20°C or colder is recommended. Freeze-thaw cycles should be limited to four or less.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: *Haemophilus influenzae* Type B Oligosaccharide-Human Serum Albumin Conjugate (HbO-HA Antigen), NR-12268."

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2007; see www.cdc.gov/od/ohs/biosfty/bmb15/bmb15toc.htm.

Disclaimers:

You are authorized to use this product for research use only.

It is not intended for human use.

Use of this product is subject to the terms and conditions of the BEI Resources Material Transfer Agreement (MTA). The MTA is available on our Web site at www.beiresources.org.

While BEI Resources uses reasonable efforts to include accurate and up-to-date information on this product sheet, neither ATCC® nor the U.S. Government make any warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. Neither ATCC® nor the U.S. Government warrants that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, use and disposal. ATCC® and the U.S. Government are not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to ensure authenticity and reliability of materials on deposit, the U.S. Government, ATCC®, their suppliers and contributors to BEI Resources are not liable for damages arising from the misidentification or misrepresentation of products.

Use Restrictions:

This material is distributed for internal research, non-commercial purposes only. This material, its product or its derivatives may not be distributed to third parties. Except as performed under a U.S. Government contract, individuals contemplating commercial use of the material, its products or its derivatives must contact the contributor to determine if license is required. U.S. Government contractors may need a license before first commercial sale.

References:

1. Phipps, D. C., et al. "An ELISA Employing a *Haemophilus influenzae* Type B Oligosaccharide-Human Serum Albumin Conjugate Correlates with the Radioantigen Binding Assay." J. Immunol. Methods 135 (1990): 121-128. PubMed: 2273252.
2. Madore, D. V., et al. "Interlaboratory Study Evaluating Quantitation of Antibodies to *Haemophilus influenzae* Type B Polysaccharide by Enzyme-Linked Immunosorbent Assay." Clin. Diagn. Lab. Immunol. 3 (1996): 84-88. PubMed: 8770509.

ATCC® is a trademark of the American Type Culture Collection.

