

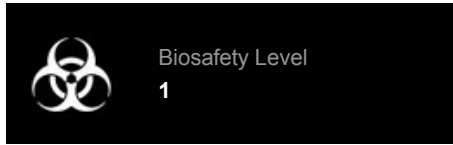


Product Sheet

## ***Pneumococcal Polysaccharide Powder***

### ***Type 4 (US Type 4) (ATCC® 34-X™)***

Please read this **FIRST**



#### **Intended Use**

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

#### **Citation of Strain**

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Pneumococcal Polysaccharide Powder Type 4 (US Type 4) (ATCC® 34-X™)*

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

#### **Description**

**Antigenic Properties:** Serotype 4 (Danish designation 4)

**Product Description:** Purified pneumococcal polysaccharide type 4 is manufactured by Pfizer, Inc. for small quantity distribution by ATCC. The pneumococcal powder type 4 is a component of the current 13-valent vaccine against *Streptococcus pneumoniae*.

The pneumococcal polysaccharide type 4 can be used to assay for type-specific antibodies, research immune responses and study immunodeficiencies.

#### **Propagation**

#### **Method for Resuspension**

1. Prepare a 2 mg/mL pneumococcal polysaccharide stock solution by adding 1 mL of pyrogen-free distilled water to 2 mg of pneumococcal polysaccharide.
2. Incubate the suspension overnight at 2-8°C with gentle stirring on a stir plate to dissolve the polysaccharide.
3. Aliquot the polysaccharide solution and store the aliquots containing the stock solution at -60°C to -80°C.

#### **Notes**

Stock solution can be diluted to a working concentration in the buffer of the researcher's choice.

Storage of Powder: Store at -20°C or colder.

Storage of Reconstituted Material: Store at -60°C to -80°C.

Quantities available: (See Web site for current prices)

2 mg

10 mg

200 mg

Pneumococcal polysaccharide powder type 4 is manufactured by Pfizer, Inc. This is **NOT** a sterile product. Antigenicity is verified by Pfizer, Inc.

#### **References**

References and other information relating to this product are available online at [www.atcc.org](http://www.atcc.org).

#### **Biosafety Level: 1**

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

#### **ATCC Warranty**

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#### **Disclaimers**

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at [www.atcc.org](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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