Pneumococcal Polysaccharide Powder Type 1 (US Type 1)

10-X™

Description

Purified pneumococcal polysaccharide type 1 is manufactured by Pfizer, Inc. for small quantity distribution by ATCC. The pneumococcal powder type 1 is a component of the current 13-valent vaccine against Streptococcus pneumoniae. The pneumococcal polysaccharide type 1 can be used to assay for type-specific antibodies, research immune responses, and study immunodeficiencies.

Organism: *Streptococcus pneumoniae* (Klein) Chester
Type strain: No
Mass: 2 mg

Storage Conditions

Product format: Frozen
Storage conditions: -20°C or colder

Intended Use

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

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories*

(BMBL), U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Handling Procedures

1. Prepare a 2 mg/mL pneumococcal polysaccharide stock solution by adding 1 mL of pyrogen-free distilled water (or other buffer of choice) to 2 mg of pneumococcal polysaccharide.
2. Incubate the suspension for up to two hours at 28°C with gentle stirring on a stir plate to dissolve the polysaccharide.
3. Aliquot the polysaccharide solution and store at -60°C to -80°C.

Notes

This pneumococcal polysaccharide powder is not manufactured by ATCC. It is NOT a sterile product. Antigenicity is verified by the manufacturer.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Pneumococcal Polysaccharide Powder Type 1 (US Type 1) (ATCC 10-X)

References

References and other information relating to this material are available at www.atcc.org.

Warranty

The product is provided 'AS IS' and the viability of ATCC® products is warranted for 30 days from the date of shipment, provided that the customer has stored and handled the product according to the information included on the product information sheet, website, and Certificate of Analysis. For living cultures, ATCC lists the media formulation and reagents that have been found to be effective for the product. While other unspecified media and reagents may also produce satisfactory results, a change in the ATCC and/or depositor-recommended protocols may affect the recovery, growth, and/or function of the product. If an alternative medium formulation or reagent is used, the ATCC warranty for viability is no longer valid. Except as expressly set forth herein, no other warranties of any kind are provided, express or implied, including, but not limited to, any implied warranties of merchantability, fitness for a particular purpose, manufacture according to cGMP standards, typicality, safety, accuracy, and/or noninfringement.

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10-X

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