




Product Sheet


Pneumococcal Polysaccharide Powder

Type 5 (US Type 5) (ATCC® 37-X™)

Please read this **FIRST**



Storage Temp.
-20°C or colder



Biosafety Level
1

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 5 (US Type 5) (ATCC® 37-X™)*

American Type Culture Collection
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www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Antigenic Properties: Serotype 5 (Danish designation 5)

Product Description: Purified pneumococcal polysaccharide type 5 is manufactured by Pfizer, Inc. for small quantity distribution by ATCC. The pneumococcal powder type 5 is a component of the current 13-valent vaccine against *Streptococcus pneumoniae*.

The pneumococcal polysaccharide type 5 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 (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.

References

References and other information relating to this product are available online at 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

Additional information on this culture is available on the ATCC web site at www.atcc.org.

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