

***Ureaplasma urealyticum*, Strain T-960 (CX3)**

Catalog No. NR-3861

This reagent is the property of the U.S. Government.

Lot (NIAID) Number: M-720-003-084

For research use only. Not for human use.

Contributor:

National Institute of Allergy and Infectious Diseases (NIAID), National Institutes of Health (NIH)

Manufacturer and Contract:

Huntingdon Research Center, PH-43-68-1516

Product Description:

Reagent: Seed

Classification: *Mycoplasmataceae*

Species: *Ureaplasma urealyticum* (*U. urealyticum*)

Type Strain: T-960 (CX3)

NIAID Class: Research Reference Reagent

Donor: Dr. M. C. Shepard to Dr. R. H. Purcell (NIAID)

Donor Passage History (# of passages): 11 plus 3x cloning

Producer Passage History (# of passages): 3

Note: BEI Resources was asked to distribute this bacterial preparation from NIAID's historical repository. Historical characterization information is shown below in the **Functional Activity and Purity sections.**

Material Provided:

Each vial contains approximately 1.0 mL of *U. urealyticum* grown in Complete *Mycoplasma* broth (Medium III, see Appendix I for media composition).

Note: If homogeneity is required for your intended use, please purify prior to initiating work.

Storage:

NR-3861 was packaged in vials. The product is provided frozen and should be stored at -60°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

Functional Activity:

Potency:

Titer: 10⁴ colony-forming units per mL, in 6 days on medium III (see Appendix I for media composition).

Date of Last Test: August 1970

Purity:

Homologous Antiserum Testing: Demonstrated fluorescence when tested against a specific homologous conjugated antiserum.

Heterologous Antiserum Testing:

Disc Inhibition and Fluorescent Antibody: Not done

Separate Disc Inhibition: Not done

Separate Fluorescent Antibody: Negative when tested against *M. arthritidis*, *M. canis*, *M. fermentans*, *M. gallinarum*, *M. gallisepticum*, *A. granularum*, *M. hominis*, *M. hyorhinitis*, *M. iners*, *A. laidlawii* A, *A. laidlawii* B, *M. maculosum*, *M. orale* 1, *M. orale* 2, *M. pneumoniae*, *M. pulmonis*, *M. salivarium*, *M. spumans*, *M. primum*, *M. lipophilum*, *M. neurolyticum*, *M. arginini*, *M. anatis*, *M. meleagridis*, *M. bovirhinitis*, *M. orale* 3.

Bacterial Sterility: Negative

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: *Ureaplasma urealyticum*, Strain T-960 (CX3), NR-3861."

Biosafety Level: 2

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, 2009; see www.cdc.gov/biosafety/publications/bmb15/index.htm.

Disclaimers:

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References:

1. Shepard, M. C. "The Recovery of Pleuropneumonia-Like Organisms from Men with and without Nongonococcal Urethritis." Am. J. Syph. Gonorrhea Vener. Dis. 38 (1954): 113-124. PubMed: 13138817.

2. Shepard, M. C. et al. "*Ureaplasma urealyticum* gen. nov., sp. nov.: Proposed Nomenclature for the Human T (T-strain) Mycoplasmas." International J. System. Bacteriol. 24 (1974): 160-171.

3. NIAID Catalog of Research Reagents 1978-1980. U.S. Department of Health, Education, and Welfare Publication No. (NIH) 78-899. Ed. S. Cunningham. NIAID/NIH, Bethesda, MD, USA.

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Appendix I: Media³

Complete *Mycoplasma* broth (Medium III)

<i>Mycoplasma</i> broth base containing 0.1 % <i>Urea</i> and 0.05m hepes buffer	70%
Normal horse serum	20%
Fresh yeast extract	10%
Penicillin	1000 units/mL
Phenol red	0.002%