Escherichia coli, Strain 94-G7771

Catalog No. NR-9
(Derived from ATCC® 700375™)

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Contributor:
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Product Description:
Bacteria Classification: Enterobacteriaceae, Escherichia
Species: Escherichia coli
Strain: 94-G7771
Serotype: O157:NM
Original Source: Isolated in 1994 from human feces
Comment: Escherichia coli (E. coli), strain 94-G7771 was deposited at ATCC® in 1997 by Dr. Evangeline G. Sowers, Diarrheal Diseases Laboratory Section, Centers for Disease Control and Prevention, Atlanta, Georgia.

E. coli is a Gram-negative, rod-shaped bacterium which occurs singly or in pairs. It is a major facultative inhabitant of the large intestine.

E. coli, 94-G7771 was deposited as a nonmotile and does not produce Shiga toxin 1 or 2 and that has the flIC restriction pattern that is present in O157:H7 and O157:NM strains.

Material Provided:
Each vial contains approximately 0.5 mL of bacterial culture in 0.5X Tryptic Soy Broth supplemented with 10% glycerol.

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

Packaging/Storage:
NR-9 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen and should be stored at -60°C or colder immediately upon arrival. For long-term storage, the vapor phase of a liquid nitrogen freezer is recommended. Freeze-thaw cycles should be avoided.

Growth Conditions:
Media:
Tryptic Soy Broth or equivalent
Tryptic Soy Agar or equivalent
Incubation:
Temperature: 37°C
Atmosphere: Aerobic
Propagation:
1. Keep vial frozen until ready for use; then thaw.
2. Transfer the entire thawed aliquot into a single tube of Tryptic Soy Broth.
3. Use several drops of the suspension to inoculate a Tryptic Soy Agar slant and/or plate.
4. Incubate the slant and/or plate at 37°C for 24 hours.

Citation:
Acknowledgment for publications should read “The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Escherichia coli, Strain 94-G7771, NR-9.”

Biosafety Level: 2

Disclaimers:
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References:

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