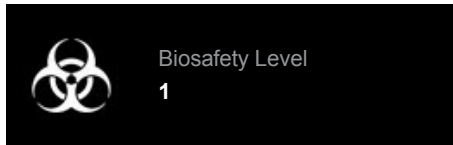




Product Sheet

Escherichia coli
DH52/pZB101 A1024230
(PTA-7303)

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.

Description

Cultures provided to ATCC for patent purposes are neither produced nor characterized by ATCC. No technical information is available on this material.

Designation: *Escherichia coli* DH52/pZB101 A1024230

U.S. Patent Number: 7,374,939

Patent Deposits

ATCC is an International Depository Authority (IDA) for patent deposits. ATCC is required to test only viability upon the initial deposit of patent cultures. No further testing is done. Patent strains are made available on behalf of the depositor when the pertinent U.S. patent issues but may not be used to infringe the patent claims. A license may be required, please contact the patent depositor for this information.

ATCC occasionally accessions available patent strains into its general collection. At that time, ATCC will provide an "ATCC" designation to the strain, fully characterize the strain and provide a product sheet with more information for that specific item.

Technical Information

ATCC Technical Services has no technical information on patent deposits. For patent strains you can search the Website of the U.S. Patent and Trademark Office at www.uspto.gov/patft/index.html for the text of the appropriate patent.

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

Patent deposits are warranted for viability only. If you believe the culture you have received is nonviable, contact Technical Services by phone at 800-638-6597 or 703-365-2700 or by e-mail at tech@atcc.org. Or you may contact your local distributor.

Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans. While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC is not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to insure authenticity and reliability of strains on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of cultures.

Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Website at www.atcc.org

Disclosure

This material is cited in a U.S. and/or other Patent or Patent Application, and may not be used to infringe the patent claims. ATCC is required to inform the Patent Depositor of the party to which the material was furnished.

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

© ATCC 2014. All rights reserved. ATCC is a registered trademark of the American Type Culture Collection.

[04/11]

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

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

Or contact your local distributor