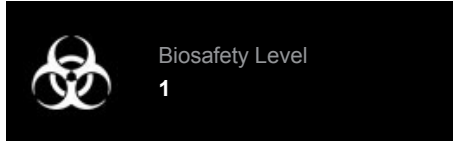




Product Sheet

Mfd11L (ATCC® 73004™)

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.

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: (ATCC® 73004™)

Shipping Information

Distributed: dried DNA, 2.5 nmol each, reverse phase chromatographed

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

Description

Detects:

Genome: *Homo sapiens*
Gene name: DNA Segment, single copy
Gene symbol: D19S49
Chromosome: 19; Localization: 19 q12-q13.1
Type of nucleic acid: genomic
Number of alleles: 8
Type of polymorphism: (CA)_n
Maximum heterozygosity (%): 78
Alleles:
Allele Freq. Size (kb) Strains

0.01 0.11
0.16 0.12
0.01 0.106
0.43 0.108
0.05 0.114
1.10 0.116
0.17 0.118
0.07 0.122

Designation: Mfd11L

Notes

The repeat sequence is: AGTAATAAAG (AC)_{23A} GGCATTAAA. D19S49 has been mapped to 19q12-q13.1 on the human chromosome. The primer with the designation ending L and the ATCC number ending A is for the CA strand; the primer with the designation ending R and the ATCC number ending B is for the GT strand. The following allele sizes (bp) have been determined in these CEPH individuals (cells available from the NIGMS Human Genetic Mutant Cell Repository): 133101--116, 118; 133102--108, 120.
- personal communication

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

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

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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



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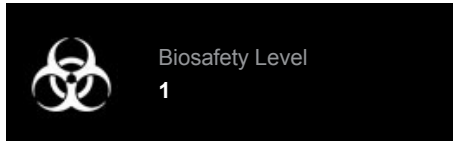
reasonable effort is made to insure authenticity and reliability of strains on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of cultures.

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