



# DMEM: F-12 Medium

30-2006™

## Description

ATCC®-formulated DMEM: F-12 Medium is a 1:1 blend of Dulbecco's Modified Eagle Medium (DMEM) and Ham's F-12 Nutrient Mixture, designed to provide a nutritionally rich environment for culturing a wide variety of mammalian cells, particularly epithelial and fibroblast cell lines such as ATCC's ARPE-19 (ATCC CRL-2302). Used in tissue engineering, cancer research, and stem cell biology, DMEM: F-12 Medium is especially suited for culturing human and animal epithelial cells, as well as primary cells and customized cell lines.

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**Volume:** 500 mL

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## Storage Conditions

**Storage conditions:** 2°C to 8°C

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## Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

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30-2006

### Biosafety Information

ATCC determined that a biosafety level is not applicable to this material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to complete your own risk assessment and understand any potential hazards associated with the material per your organization's policies and procedures and any other applicable regulations as enforced by your local or national agencies.

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### Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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### Quality Control Specifications

**Bacterial and fungal testing:** Not detected

**Mycoplasma contamination:** Not detected

**Endotoxin:**  $\leq 0.5$  EU/mL

**Osmolality:** 285 to 365 mOsm/kg

**pH:** 7.0 to 7.4

**Growth promotion:** Pass

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### Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: DMEM: F-12 Medium (ATCC 30-2006)

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### References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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## Warranty

The product is provided 'AS IS' and the viability of ATCC® products is warranted for 30 days from the date of shipment, provided that the customer has stored and handled the product according to the information included on the product information sheet, website, and Certificate of Analysis. For living cultures, ATCC lists the media formulation and reagents that have been found to be effective for the product. While other unspecified media and reagents may also produce satisfactory results, a change in the ATCC and/or depositor-recommended protocols may affect the recovery, growth, and/or function of the product. If an alternative medium formulation or reagent is used, the ATCC warranty for viability is no longer valid. Except as expressly set forth herein, no other warranties of any kind are provided, express or implied, including, but not limited to, any implied warranties of merchantability, fitness for a particular purpose, manufacture according to cGMP standards, typicality, safety, accuracy, and/or noninfringement.

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## DMEM: F-12 Medium

30-2006

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### Revision

This information on this document was last updated on 2026-06-20

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### Contact Information

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

## DMEM: F-12 Medium

30-2006

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: [tech@atcc.org](mailto:tech@atcc.org) or contact your local distributor

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