



# RPMI-1640 Medium

30-2001™

## Description

RPMI-1640 medium modified to contain 2 mM L-glutamine, 10 mM HEPES, 1 mM sodium pyruvate, 4500 mg/L glucose, and 1500 mg/L sodium bicarbonate, for use in incubators using 5% CO<sub>2</sub> in air. Additional sodium bicarbonate may be required for use in incubators containing higher percentages of CO<sub>2</sub>. It has applications for cell culture, cell growth, and viability.

**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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## 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:** 246 to 306 mOsm/kg

**pH:** 7.0 to 7.4

**Growth promotion:** Pass

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## Notes

Store medium at 2°C to 8°C in the dark when not in use.

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: RPMI-1640 Medium (ATCC 30-2001)

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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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