



LYI Entamoeba Medium

PRA-2154™

Description

This medium is the recommended formulation for the axenic cultivation of Entamoeba, Hypotrichomonas, Mastigamoeba, Pentatrichomonas, Tetratrichomonas, Trichomitus, Trichomonas, and Tritrichomonas. It is provided freeze-dried, complete with 10% (1.5 mL) bovine serum, 1 vial prepares 15 mL of medium.

Shipping information: 1 vial

Storage Conditions

Product format: Freeze-dried

Storage conditions: 2°C to 8°C

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.

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.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Handling Procedures

1. Alcohol the crimped aluminum cap and remove it.
2. Alcohol the rubber stopper and allow to dry.
3. Aseptically remove the rubber stopper and aseptically add 15 mL of double glass distilled sterile water. Swirl to completely dissolve the freeze-dried medium.
4. Aseptically distribute 13 mL of the rehydrated medium to a sterile 16 x 125 mm screw-capped test tube.
5. Screw the cap on tightly and store at 2-8°C until ready to use. Use within 4 days.
6. When ready to use, equilibrate the tube at the appropriate growth temperature before inoculation with the protist.
7. Follow standard procedure for maintaining culture as specified in the product sheet for that protist.

Modified Medium Preparation: For Strains of *E. histolytica* requiring 15% heat-inactivated bovine serum (HIBS)

1. Follow steps 1-3 above.
2. Aseptically distribute 12.25 mL of the rehydrated medium to a sterile glass 16 x 125 mm screw-capped test tube.
3. Aseptically add 0.75 mL of HIBS, screw the cap on tightly, invert several times to evenly mix and store at 2-8°C until ready to use. Use within 4 days. When ready to inoculate with the protist place the tube at 35°C for 15 minutes.

4. Follow standard procedure for maintaining culture as specified in the product sheet for that protist.
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Quality Control Specifications

Mycoplasma contamination: Not detected

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: LYI Entamoeba Medium (ATCC PRA-2154)

References

References and other information relating to this material are available at www.atcc.org.

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