



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

Minimum Essential Medium

Catalog Number: U0607

Regulation Status: For research use only (RUO)

Product Description: Minimum Essential Medium (MEM) is used in the culture of animal cell.

Formulation: Contains 2 mM L-glutamine, 1000 mg/L D-glucose, and 10 mg/L phenol red.

No HEPES.

No sodium pyruvate.

No sodium bicarbonate.

Medium Preparation: 1. The net weight of this product is 9.6 g, which can prepare 1 L MEM (with NEAA) culture medium.

2. Prepare about 900 mL ultrapure water in a container, then add a bag of Minimum Essential Medium into the container, and wash out the residual powder in the bag with 50 mL ultrapure water.

3. Stir for 30 mins to dissolve all ingredients completely. After the solution is clear, add 2.2 g NaHCO₃ and continue stirring for 5-10 mins until dissolved.

4. Add ultrapure water to adjust the volume to 1 L.

5. If necessary, adjust the pH to 7.20-7.30 with 1 mol/L NaOH solution or 1 mol/L HCl solution. Since filtration will slightly increase the pH, the pH value here is lower than the target pH value (7.20-7.40).

6. The prepared solution should be sterilized using a 0.2 μ m pore size filter membrane under positive pressure (ensure aseptic technique).

7. After filtration, a small amount of liquid culture medium can be taken for quality inspection, only after it passes the test can it be used further. When stored at 2-8°C with shading light, the liquid medium has a shelf life of 1 year.

Regulatory Status: For research use only (RUO)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Lyophilized

Storage Instruction: Store at 2-8°C. Protect from light.