



SZABO SCANDIC

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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

Dulbecco's Modified Eagle's Medium (High glucose)

Form: Lyophilized

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

Catalog Number: U0604

Regulation Status: For research use only (RUO)

Product Description: Dulbecco's Modified Eagle's Medium (High glucose) is used in the culture of fast growth, low adhesion cells, hybridoma myeloma cells, clone cells, DNA transfected transformation cells, various primary virus host cells, single cell culture and vaccine production.

Formulation: Contains 4 mM L-glutamine, 4500 mg/L D-glucose, 1 mM sodium pyruvate, and 15 mg/L phenol red.

No HEPES.

No sodium bicarbonate.

Medium Preparation: 1. The net weight of this product is 13.48 g, which can prepare 1 L DMEM (High glucose) culture medium.

2. Prepare about 900 mL ultrapure water in a container, then add a bag of Dulbecco's Modified Eagle's Medium (High glucose) 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 3.7 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 µm 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