

## Product Information

### RPTEC Complete Supplement

Catalog Number **MTOXRCSUP**

Storage Temperature -20 °C or below

#### Product Description

Sigma has developed a variety of specialized media, which are intended to provide optimal performance when utilized with specific cell lines. This product consists of a medium supplement, which is added to basal medium and other components listed below to produce 500 mL of complete medium needed for optimal growth, maintenance, and culture of Human Renal Proximal Tubule Epithelial Cells (RPTEC). The final RPTEC complete medium was developed specifically for use with Sigma's human RPTEC control SA7K Clone cells and various knockouts (KO).

#### Component

RPTEC Complete Supplement	30 mL
Catalog Number MTOXRCSUP	

#### Reagents and Equipment Required but Not Provided

Note: Neither medium nor reagents listed below are supplied with the supplement vials. These must be obtained prior to receiving the supplements.

- Minimum Essential Medium Eagle Alpha Modification Medium (MEM $\alpha$ ) (Catalog Number M4526)
- L-glutamine (Catalog Number G7513)
- Gentamicin solution (Catalog Number G1397)
- Amphotericin B solution (Catalog Number A2942)
- BSL-2 hood

#### Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Safety Data Sheet for information regarding hazards and safe handling practices.

#### Preparation Instructions

Prepare Complete Medium by supplementing 500 mL of MEM $\alpha$  (Catalog Number M4526) with 6.25 mL of L-glutamine (Catalog Number G7513), 30 mL of RPTEC Complete Supplement (Catalog Number MTOXRCSUP), 0.3 mL of Gentamicin solution (Catalog Number G1397), and 0.03 mL of Amphotericin B solution (Catalog Number A2942). Complete Medium can be stored at 2–8 °C for up to 1 month. This medium is formulated for use with a 5% CO<sub>2</sub> in air atmosphere.

#### Storage/Stability

Upon receiving a shipment of supplement(s) it is important the end user gives the shipment attention without delay. To ensure the highest quality of the supplement(s), upon receipt supplements should be immediately stored at -20 °C.

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