

Product Information

RPTEC Tox Supplement

Catalog Number **MTOXRTSUP**

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 medium needed for optimal culture conditions of Human Renal Proximal Tubule Epithelial Cells (RPTEC) when used for kidney toxicology studies. The final RPTEC Tox medium was developed specifically for use with Sigma's human RPTEC control SA7K Clone cells and various knockouts (KO).

Component

RPTEC Tox Supplement	6 mL
Catalog Number MTOXRTSUP	

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 α) (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 Tox Medium by supplementing 500 mL of MEM α (Catalog Number M4526) with 6.25 mL of L-glutamine (Catalog Number G7513), 6 mL of RPTEC Tox Supplement (Catalog Number MTOXRTSUP), 0.3 mL of Gentamicin solution (Catalog Number G1397), and 0.03 mL of Amphotericin B solution (Catalog Number A2942). Tox Medium can be stored at 2–8 °C for up to 1 month. This medium is formulated for use with a 5% CO₂ 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.

ANA,MAM 05/15-1