

Product Name: CEPT Cocktail Kit

Catalog No.: 7991

3

1. Material Provided

Component	Quantity/Amount	Storage
Chroman 1	1 Vial	Store at -20°C
DMSO, sterile filtered		Store at RT
trans-ISRIB		Store at +4°C
Emricasan		Store at -20°C
Polyamine Supplement x1000 (lyophilized)		Store at -20°C

2. Description

The CEPT Cocktail Kit is an easy-to-use kit that consists of [Chroman 1](#) (Cat. No. 7163), [Emricasan](#) (Cat. No. 7310), [Polyamine Supplement](#) (Cat. No. 7739), [trans-ISRIB](#) (Cat. No. 5284) and [DMSO](#) (Cat. No. 3176). It contains sufficient material for the preparation of 5 L of cocktail and sterile-filtered DMSO for reconstitution. The CEPT Cocktail is a cell culture supplement for improving the survival of self-renewing pluripotent stem cells and their differentiated progeny in stem cell research. It can be used for routine long-term passaging, cryopreservation, single-cell cloning, and organoid formation.

Please refer to the [protocol](#) for further information.

3. Stability

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 3 months. Wherever possible solutions should be made up and used on the same day.

4. Quality Control

We certify that QC results of these reagents meet our quality release criteria.

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

bio-techne.com

info@bio-techne.com
techsupport@bio-techne.com

North America

Tel: (800) 343 7475

China

info.cn@bio-techne.com
Tel: +86 (21) 52380373

Europe Middle East Africa

Tel: +44 (0)1235 529449

Rest of World

www.tocris.com/distributors
Tel:+1 612 379 2956

Product Name: CEPT Cocktail Kit

Catalog No.: 7991

3

5. Protocols

6. References

Tristan *et al* (2023) Efficient and safe single-cell cloning of human pluripotent stem cells using the CEPT cocktail. *Nat.Protoc.* **1** 58. PMID: 36261632.

Chen *et al* (2021) A versatile polypharmacology platform promotes cytoprotection and viability of human pluripotent and differentiated cells. *Nat.Methods.* **5** 528. PMID: 33941937.

Tristan *et al* (2021) Robotic high-throughput biomanufacturing and functional differentiation of human pluripotent stem cells. *Stem Cell Reports* **12** 3076. PMID: 34861164.

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

bio-techne.com

info@bio-techne.com

techsupport@bio-techne.com

North America

Tel: (800) 343 7475

China

info.cn@bio-techne.com

Tel: +86 (21) 52380373

Europe Middle East Africa

Tel: +44 (0)1235 529449

Rest of World

www.tocris.com/distributors

Tel:+1 612 379 2956