TECHNICAL INFORMATION

PLEASE READ THIS BEFORE HANDLING CELL CULTURES

In order to maximise your success with storage, recovery and culture of these induced pluripotent stem cell lines please read these instructions

cells.ebisc.org/

Contact:
European Collection of Authenticated Cell Cultures (ECACC)
Culture Collections, Public Health England, Porton Down, Salisbury, SP4 0JG, UK
Telephone: +44 (0) 1980 612684
Email: culturecollections.technical@phe.gov.uk
Website: www.phe-culturecollections.org.uk\ebisc

ECACC European Collection of Authenticated Cell Cultures
Operated by Public Health England

This material is not for *in vitro* diagnostic use or for use in humans

Product Information

Induced Pluripotent Stem Cells in 2ml plastic cryovials

Storage temperature: below -150°C

TECHNICAL INFORMATION

1. INTRODUCTION

Induced pluripotent stem cell (iPSC) line provided by the European Bank for induced pluripotent Stem Cells (EBiSC).

2. CAUTION

This material is **not** for use in humans and is for research use only.

This preparation contains cells of human origin, which have been tested and found negative for: HIV1, HIV2, Hep B and Hep C by PCR.

As with all materials of human origin, this preparation should be regarded as potentially hazardous to health. It should be handled and disposed of according to your local laboratory safety procedures. EBiSC recommends that safety procedures should include the wearing of protective gloves, avoiding the generation of aerosols, and exercising care when opening vials.

3. CONTENTS

Human iPSC line culture cryopreserved in 2ml or 5ml plastic cryovials. Each vial contains human induced pluripotent stem cells cryopreserved in growth medium containing bovine serum (Zone 1) or a serum replacement and cryoprotectant (DMSO).

4. STORAGE

Vials are shipped on dry ice at -80°C or in liquid nitrogen dry shippers below -150°C. On receipt, immediately transfer to storage below -150°C (gas phase liquid nitrogen, or mechanical freezer). In some circumstances vials may become pressurised which can present an explosive hazard. Appropriate local safety rules for handling cryopreserved vials should be observed.

5. STABILITY

Cryopreserved cells are held within temperature-controlled storage facilities at below -150°C. It is therefore, the policy of EBiSC not to assign an expiry date to their iPSC lines.

Storage upon receipt should be as indicated on these instructions.

Users who have data supporting any deterioration in the characteristics of a cell line are encouraged to contact EBiSC.

6. DIRECTIONS FOR OPENING

Cryovials have a screw cap. The cap should be removed by turning anti-clockwise. Care should be taken on removal of cap to prevent the contents escaping. Cryovials should be opened in an appropriate contained environment such as a

microbiological safety cabinet. Please read the EBiSC Protocol for the use of iPSCs before opening the cryovial.

7. DIRECTIONS FOR RECOVERY AND USE OF CELLS

The preparation must be thawed, recovered into culture and maintained according to the relevant EBiSC protocol guidelines; this information is available on the specific cell line webpage at:
www.phe-culturecollections.org.uk

Note: these are specific to the cell line purchased.

EBiSC recommends that users check cell line identity, pluripotency and genetic stability periodically as part of good cell culture practice.

8. HANDLING CELL CULTURES

Please read and follow the EBiSC Protocol for the use of iPSCs before thawing any cells.

9. CITATIONS

In any circumstance where the recipient publishes a reference to EBiSC materials, it is important that the EBiSC cell line name and the name and address of EBiSC are cited correctly.

10. RELATED DOCUMENTS

Please read the following documents:

Material Safety Data Sheet (MSDS) – enclosed and also available online on the specific cell line detail webpage at:
www.phe-culturecollections.org.uk

Protocol for the Use of EBiSC induced Pluripotent Stem Cells - available online on the specific cell line webpage at:
www.phe-culturecollections.org.uk

Certificate of Analysis – download online by visiting the specific cell line webpage at www.phe-culturecollections.org.uk then clicking the Certificate of Analysis icon and entering the lot number of the cells.

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