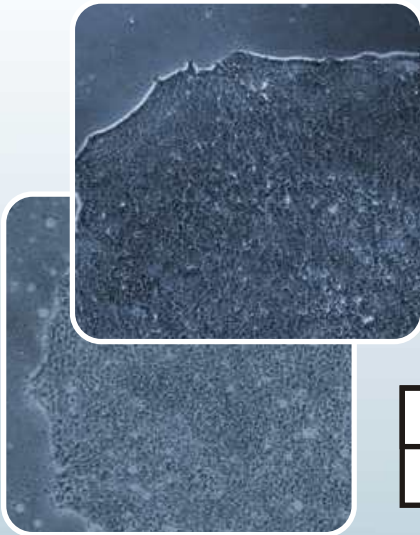


Induced pluripotent STEM CELLS (iPSc)



Celther Polska offers induced pluripotent stem cells (iPS cells), which can be easily differentiated to iNS cells, induced cardiomyocytes or hepatocytes as well as other specialised cell lines.

Description	Celther Cat. No.:
CLTH/iPS cells	CL 05001-CLTH

GENERAL DESCRIPTION

Immunofluorescent studies indicate expression of transcription factors (Sox2, Oct4, Nanog) as well as surface proteins (Tra1-81 and Tra1-60) characteristic for iPS cells.

Furthermore, Celther iPS cells retain the ability to differentiate to cells originating from all three germ layers. Induced pluripotent stem cells have been derived from human dermal fibroblasts.

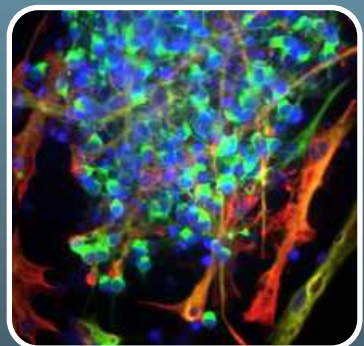
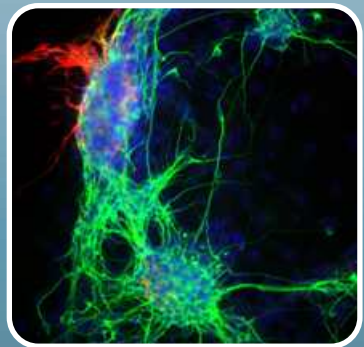
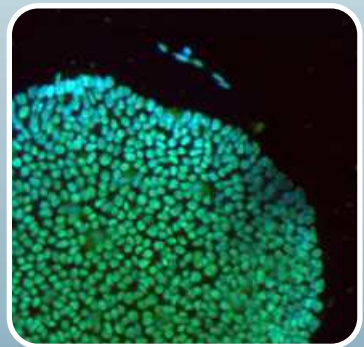
iPS cells are tested and free of microbial contamination.

iPS cells are shipped frozen on dry ice and provided to customers in cryovials containing at least 1×10^6 cells/mL.

For iPS cells Celther Polska recommends optimal growth medium (MED 02006-CLTH), which maintains them in the undifferentiated state and provides conditions for an infinite number of divisions.

All information relating to this product is available on www.celther.com.

Orders can be placed by e-mail at edyta.wodzinska@celther.com.



APPLICATIONS

- Drug discovery - Toxicity screening-
- Differentiation and fate choice -
- Tissue and organ development -
- Epigenetic profiling - Disease modelling

CONTACT

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