Certificate of Analysis (CoA)
for induced Pluripotent Stem Cells
This product is for research only

ECACC Catalogue No: 66540091

Cell Line Name	WTSIi021-A	Batch / Lot Number	P001
Reprogramming Method	Sendai CytoTune™ (POU5F1, SOX2, cMYC, and KLF4)		
Passage Number	P40	Cell number / vial	$1\text{-}2 \times 10^6$
Culture Matrix	Vitronectin	Culture Medium	mTeSR™-E8
O_2 Concentration	21%	CO_2 Concentration	5%
Passaging Method	EDTA	Additional Culture Information	Rho kinase inhibitor used for 24 hours post thaw
Cryopreservation Medium	Knockout Serum Replacement with 10% DMSO		
Recommendation for thawing	Recommended thaw into 1 well of a 6-well plate or per 10cm² Refer to cell line user protocols for further guidance at www.EBiSC.org		
Additional Comments	Typical recovery after thaw, typical growth to confluency		

Please see https://cells.ebisc.org/ for further information on Quality Control and characterisation applied to lines released by EBiSC. The following standard testing criteria have been determined within EBiSC, prior to release of this product:

Test	Assay	Acceptance Criteria	Result
Sterility	Inoculation for microbiological growth	Not Detected	Pass
	Mycoplasma	Not Detected	Pass
	Virology (HBV, HCV, HIV1, HIV2)	Not Detected	Pass
Cell Line Identity	STR / Fingerprinting	N/A	Allele data recorded and available upon request. Gender match to donor
Viability	Visual Assessment	Growth to confluence post-thaw	Acceptable
Phenotype	Continuous visual assessment of iPSC colony morphology	Recorded	Typical iPSC colonies with low differentiation levels
	Flow Cytometry	SSEA-4 > 70% + TRA-1-60 > 70% + SSEA-1 < 10% + POU5F1 > 70% +	Pass

Certificate of Analysis (CoA)
for induced Pluripotent Stem Cells

This product is for research only

ECACC Catalogue No: 66540091

Additional guidance on storage, safety and usage can be found in the EBiSC Technical Information.

Approved CoA   **Signature:**   **Date: 12th April 2023**

www.EBiSC.org

In case of queries, please contact culturecollections.technical@phe.gov.uk. European Collection of Authenticated Cell Cultures (ECACC), Culture Collections, Public Health England, Tel: +44 (0) 1980 612684

Page **2** of **2**