

Certificate of Analysis (CoA) for induced Pluripotent Stem Cells

This product is for research only



ECACC Catalogue No: 66540883

Cell Line Name	UKKi037-C	Batch / Lot Number	P001
Reprogramming Method	Sendai CytoTune™ 2.0 (POU5F1, SOX2, cMYC, and KLF4)		
Passage Number	P15	Cell number / vial	2x10 ⁶
Culture Matrix	Vitronectin	Culture Medium	StemFlex
O ₂ Concentration	21%	CO ₂ Concentration	5%
Passaging Method	EDTA	Additional Culture Information	N/A
Cryopreservation Medium	N/A		
Recommendation for thawing	Recommended thaw into 50mm cell culture plates 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 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	Confirmed Pass by Depositor
Cell Line Identity	STR / Fingerprinting	Profile match to donor	Allele data recorded and available upon request
Viability	Visual Assessment	Growth to confluence post-thaw	Acceptable
Phenotype	Continuous visual assessment of iPSC colony morphology	Recorded	Typical PSC colonies with low differentiation levels
Genomic Stability	G-Banding	Sex match to donor. 20 successful karyotypes recorded.	No chromosomal abnormalities detected

Additional guidance on storage, safety and usage can be found in the [EBiSC Technical Information](#).

Approved CoA Signature *A. Swann* Date 16.06.2020



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