Certificate of Analysis (CoA) for induced Pluripotent Stem Cells

This product is for research only

EBiSC
European Bank for induced pluripotent Stem Cells

ECACC Catalogue No: 66540402

Cell Line Name	BIONi029-A	Batch Number	P001
Donor ID	H190815		
Disease Association	No Disease Association	Phenotype of Donor	Unaffected Control
Tissue of Origin	Adipose tissue derived mesenchymal stem cell	Sex	Male
Reprogramming Method	Non-integrating Episomal (POU5F1, SOX2, MYC, KLF4 and LIN28)		
Passage Number	Passage 10	Cell number / vial	1.29 x 10^6
Culture Matrix	Matrigel/Geltrex	Culture Medium	Essential 8™
O_2 Concentration	5%	CO_2 Concentration	5%
Passaging Method	EDTA	Additional Culture Information	N/A
Cryopreservation Medium	40% FBS*/ 50% medium / 10% DMSO *Serum of Zone 1 origin		
Recommendation for thawing	Recommended thaw into 1 well of a 6-well plate or per $10cm^2$ Refer to cell line user protocols for further guidance at www.EBiSC.org		
Additional Comments	Acceptable recovery after thaw, normal growth to confluency		
Associated Publications	PubMed ID: N/A		

Please see www.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
	qPCR for Mycoplasma	Not Detected	Pass
Cell Line Identity	Short Tandem Repeat analysis using PCR	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

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

Certificate of Analysis (CoA) for induced Pluripotent Stem Cells

This product is for research only

EBiSC
European Bank for induced pluripotent Stem Cells

ECACC Catalogue No: 66540402

Additional cell line characteristics have been determined by original reprogramming centres and have not been independently verified by EBiSC. Historical cell line data displayed here is accurate according to data provided by depositors on 15-MAY-2017

Test	Assay	Result
Sterility	Virology (HBV, HCV, HIV1, HIV2)	Pass
Phenotype	Flow Cytometry	TRA-1-81: 80.6%; OCT 4: 85.0%; SOX2: 99.0%; SSEA-1: 0.06%; SSEA-4: 95.1%
Karyotype	G-banding	46, XY
Cell Line Identity	STR	Match to donor
Clearance of Reprogramming Factors	QPCR for LIN28, SOX2 and OCT-4	Not Detected
Directed Differentiation	Flow Cytometry	Endoderm : Detected Mesoderm : Detected Ectoderm : Detected

The following guidance can be found in the Instructions for Use	
Intended use	**Expiry Date**
Product Format	**Recommended storage conditions**
Volume	**Hazardous Information**

Approved CoA **Signature** Jane Embury **Date** 25 May 2017.

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