

Certificate of Analysis (CoA) for iPSC differentiated cell products

This product is for research only



ECACC Catalogue No: 66990001

Product Name	EBISC-NEUR1	Product Type	iNGN2 neurons
iPSC Line Name	BIONI010-C-13	Donor Disease Status	Normal
Batch / Lot Number	B0001	Cell number / vial	4x10 ⁶
Genetic Modification	Doxycycline inducible NGN2		
Culture Matrix	Poly-L-Ornithine / Laminin	Culture Medium	Neurobasal medium
Additional Culture Information	Co-culture with astrocytes at a ratio of 1:1 is recommended for long-term culture and maturation of iNGN2 neurons		
Cryopreservation Medium	CryoStor® CS 10		
Recommendation for thawing	Recommended thaw at density of 1x10 ⁶ cells per 10 cm ² of culture plate. Refer to cell line user protocols for further guidance at https://ebisc.org/		
Additional Comments			

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:

<https://ebisc.org>



In case of queries, please contact European Collection of Authenticated Cell Cultures (ECACC), Culture Collections, Public Health England

Tel: +44 (0) 1980 612684

Email: culturecollections.technical@phe.gov.uk

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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	N/A	Allele data recorded and available upon request. Match to iPSC line.
Viability	Visual Assessment	Adhesion post-thaw	Pass
Phenotype	Morphology	Neurite outgrowth	Pass
	Flow Cytometry	Tubulin beta-3 chain: > 80% positive	Pass
	Immunocytochemistry	Tubulin beta-3 chain: positive Microtubule-associated protein 2: positive Octamer-Binding Protein 3/4: negative	Pass

Additional guidance on storage, safety and usage can be found in the User Protocol.

Approved CoA Signature _____ Date _____

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