

Certificate of Analysis (CoA) for induced Pluripotent Stem Cells

This product is for research only



ECACC Catalogue No: 66540034

| | | | |
|------------------------------|--|--------------------------------|---|
| Cell Line Name | WTSii038-A | Batch / Lot Number | P002 |
| Reprogramming Method | Non-integrating Sendai virus (KLF4, MYC, POU5F1, SOX2) | | |
| Passage Number | 33 | Cell number / vial | 1-2x10 ⁶ |
| Culture Matrix | Vitronectin | Culture Medium | mTeSR TM 1 / Essential 8 TM |
| O ₂ Concentration | 21% | CO ₂ Concentration | 5% |
| Passaging Method | EDTA | Additional Culture Information | Rho kinase inhibitor used at thaw |
| Cryopreservation Medium | Knock out serum replacement with 10% DMSO | | |
| Recommendation for thawing | Recommended thaw into 2 wells of a 6-well plate or per 10cm ² 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 | Confirmed pass by depositor |
| Cell Line Identity | STR / Fingerprinting | N/A | Allele data recorded and available upon request. Profile match to donor |
| 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 |

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

Approved CoA

Signature

Date

28 January 2020

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