




Certificate of Analysis for HipSci iPSC

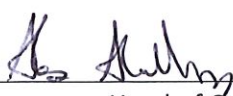
| | | | |
|---|--|---------------------------------------|--------------|
| Cell Line Name | HPSI1114i-ualf_6 | Culture and Passaging Methods. | Feeder free* |
| Biosample ID | SAMEA3973852 | Catalogue No. | 77650389 |
| Reprogramming Method | CytoTune 2 | Lot. | 9.3.16 |
| Disease Association | Normal | Donor Cell Material | Skin tissue |
| Gender | Female | Passage No. | 23 |
| Associated Data and Publications | http://www.hipsci.org/lines/#/lines http://www.ebi.ac.uk/biosamples/browse_samples.html?keywords=hipsci | | |

The following standard testing criteria have been determined within CGaP, prior to release of this product:

| Test | Assay | Result |
|---|---|---|
| Confirmed Sterility | PCR for Mycoplasma | Pass |
| Cell Line Identity | Fluidigm | Pass |
| Viability post-thaw | Growth to confluence post-thaw | Pass |
| Morphology | Continuous visual assessment of iPSC colony morphology. | Pass |
| Stem Cell Marker Expression | Pluri test | Pass http://www.hipsci.org/lines/#/lines/HPSI1114i-ualf_6 |
| Clearance of Reprogramming Factors | rtPCR analysis | Fail - Positive for Sendai Vector |

*These Cell lines were cultured in media containing Pen/Strep.

Acceptable for release: Signed  Date 24/05/17.
Project Lead

Agreed by: Signed  Date 26/5/17
Head of Operations