



Certificate of Analysis for HipSci iPSC

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|---|--|---------------------------------------|--------------|
| Cell Line Name | HPSI0214i-rayr_1 | Culture and Passaging Methods. | Feeder free* |
| Biosample ID | SAMEA2649534 | Catalogue No. | 77650196 |
| Reprogramming Method | CytoTune 1 | Lot. | 13.07.15 |
| Disease Association | Normal | Donor Cell Material | Skin tissue |
| Gender | Male | Passage No. | p22 |
| 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/HPSI0214i-rayr_1 |
| Clearance of Reprogramming Factors | rtPCR analysis | Pass |

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

Acceptable for release: Signed *R. Noan* Date 19/05/16
Project Lead

Agreed by: Signed *Sha Ally* Date 20/5/16
Head of Operations