



Certificate of Analysis for HipSci iPSC

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|---|--|---------------------------------------|--------------|
| Cell Line Name | HPSI0516i-oadp_4 | Culture and Passaging Methods. | Feeder Free* |
| Biosample ID | SAMEA4564044 | Catalogue No. | 77650541 |
| Reprogramming Method | CytoTune 2 | Lot. | 10.10.16 |
| Disease Association | Kabuki Syndrome | Donor Cell Material | Skin tissue |
| Gender | Male | Passage No. | 24 |
| 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/HPSI0516i-oadp_4 |
| 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 11/09/17.
Project Lead

Agreed by: Signed  Date 12/9/17
Head of Operations