



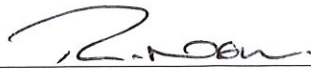
Certificate of Analysis for HipSci iPSC

Cell Line Name	HPSI0416i-ourj_2	Culture and Passaging Methods.	Feeder free*
Biosample ID	SAMEA4762168	Catalogue No.	77650508
Reprogramming Method	CytoTune 2	Lot.	22.8.16
Disease Association	Hypertrophic Cardiomyopathy	Donor Cell Material	Whole blood
Gender	Male	Passage No.	10
Associated Data and Publications	http://www.hipsci.org/lines/#/lines http://www.ebi.ac.uk/biosamples/browse_samples.html?keywords=hipsci		

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/HPSI0416i-ourj_2
Clearance of Reprogramming Factors	rtPCR analysis	Fail - Positive for Sendai Vector

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

*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