

◆ CFiS-S04

Clone ID	CFiS-S04	Product	Human iPS cells
Source	Peripheral Blood, Human	Race	Japanese
Passage No.	8	Gender	Male
Label Name	22AJ37	Manufacture Dates	Dec. 24 th , 2022
Culture medium	StemFit AK03N	Substrate	iMatrix-511MG
Culture Method	Feeder-free (※2)	Grade	Research grade
Reprogramming Method	Sendai Virus vector		
Use and Provision of this cell stock	Please check our web site ; https://www.cira-foundation.or.jp/e/index.html		

(※1) Reference; Nakagawa, *et. al.*, Nat Biotechnol. 2008 26(1):101-106

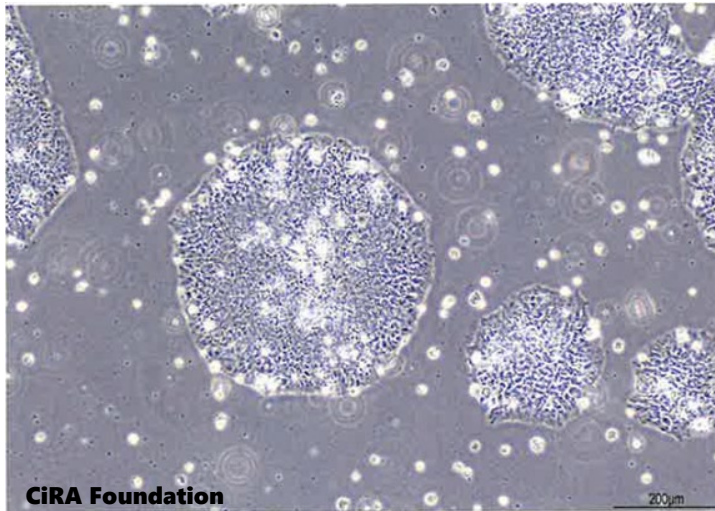
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Test Result

Test	Method	Result
Sterility	BacT/ALERT	Negative
Mycoplasma	PCR	Negative
Morphology	Microscope	Consistent with human ES cells
Karyotype	G-banding	46,XY[20]
SeV remnants	qPCR	Below the limit of quantification
Undifferentiated markers	Flow cytometry	TRA-1-60(+) ; 97.7% SSEA4(+) ; 99.7% TRA-2-49(+) ; 96.3% OCT3/4(+) ; 98.0%
Thawed postnatal cells	Counting the number of the cells (※2)	1.46×10^5 cells (Survival rate ; 91.9 %)
Number of proliferating cells after thawing	Counting the number of the cells after culturing for 6 days.	18.06×10^5 cells (Number of seeded cells : 0.65×10^5 cells)
Cardiac differentiation	Flow cytometry	Troponin T(+); 61.3%
Trilineage differentiation	Flow cytometry	Ectoderm; 96.5% Mesoderm; 86.5% Endoderm; 66.7%
Origin cells	qPCR	Non-T cells

(※2) Cell Counter model R1

■Image



Please contact us if you have any questions.

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