

◆ CFiS-S03

Clone ID	CFiS-S03	Product	Human iPS cells
Source	Peripheral Blood, Human	Race	Japanese
Passage No.	7	Gender	Male
Label Name	22AJ36	Manufacture Dates	Nov. 28 <sup>th</sup> , 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 ; <a href="https://www.cira-foundation.or.jp/e/index.html">https://www.cira-foundation.or.jp/e/index.html</a>		

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

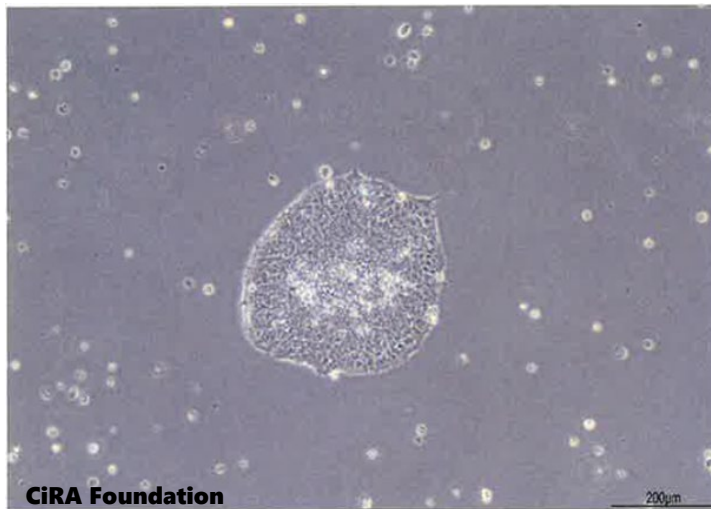
For Research Use Only

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(+) ; 96.6% SSEA4(+) ; 99.9% TRA-2-49(+) ; 95.0% OCT3/4(+) ; 97.9%
Thawed postnatal cells	Counting the number of the cells (※2)	$3.07 \times 10^5$ cells (Survival rate ; 94.4 %)
Number of proliferating cells after thawing	Counting the number of the cells after culturing for 6 days.	$5.49 \times 10^5$ cells (Number of seeded cells : $0.65 \times 10^5$ cells)
Cardiac differentiation	Flow cytometry	Troponin T(+); 65.8%
Trilineage differentiation	Flow cytometry	Ectoderm; 96.9% Mesoderm; 88.7% Endoderm; 62.3%
Origin cells	qPCR	Non-T cells

(※2) Cell Counter model R1

■Image



Please contact us if you have any questions.

([minnano-saibou@cira-foundation.or.jp](mailto:minnano-saibou@cira-foundation.or.jp))



Reprint or reproduction of this page without permission is prohibited.