◆ CFiS-S01

Clone ID	CFiS-S01	**Product**	Human iPS cells
Source	Peripheral Blood, Human	**Race**	Japanese
Passage No.	9	**Gender**	Male
Label Name	24AA49	**Manufacture Dates**	May 23rd, 2024
Culture medium	StemFit AK03N	**Substrate**	iMatrix-511MG
Culture Method	Feeder-free (※1)	**Grade**	Research grade
Reprograming 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.*, Sci. Rep. 2014 4: 3594

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Test Result

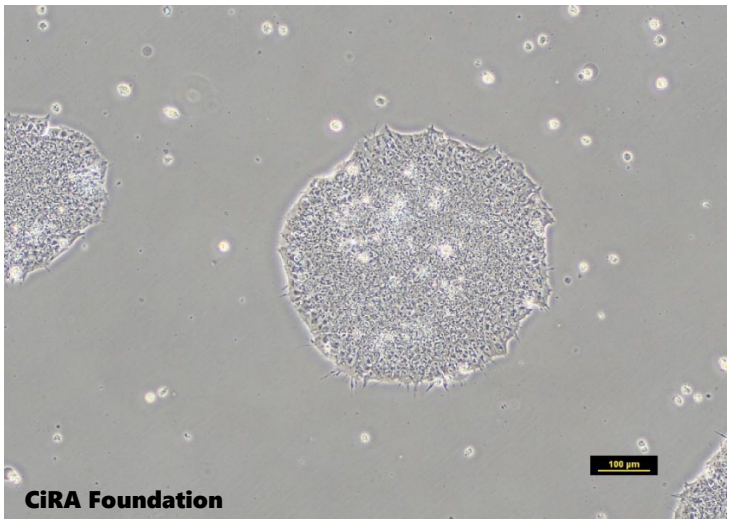
Test	Method	Result
Sterility	BacT/ALERT	Negative
Mycoplasma	PCR	Negative
Morphology	Microscope	Consistent with human ES cells
Karyotype	G-banding	47,XY,+12[1], 46,XY[19](*1)
SeV remnants (*3)	qPCR	Below the limit of quantification
Undifferentiated markers	Flow cytometry	TRA-1-60(+) ; 98.6% SSEA4(+) ; 99.7% TRA-2-49(+) ; 98.6% OCT3/4(+) ; 99.6%
Thawed postnatal cells	Counting the number of the cells (*2)	1.62×10^5 cells（Survival rate : 81.9 %）
Number of proliferating cells after thawing	Counting the number of the cells after culturing for 6 days.	12.75×10^5 cells （Number of seeded cells : 0.65×10^5 cells）
Cardiac differentiation (*3)	Flow cytometry	Troponin T(+); 57.6 %
Trilineage differentiation (*3)	Flow cytometry	Ectoderm; 97.1% Mesoderm; 91.8% Endoderm; 59.0%
Origin cells (*3)	qPCR	Non-T cells

（*1）It was judged that “clonal chromosomal abnormality was not detected” since only one cell was detected with the chromosomal abnormality out of 20 cells, which does not fit the clonal definition of ISCN.

（*2）NC-200 was used.

（*3）The data before expansion (P7) are described.

■**Image**



Please contact us if you have any questions.

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