

iPSC Cell Line **Fact Sheet**



Basic Info

Cell Line Name:

XXX

Disease:

Healthy

Gender:

Female

Age:

XXX

Overview

Cell Type	Induced Pluripotent Stem Cells (iPSCs)
Primary Tissue	CD34+ Hematopoietic Stem Cells
Reprogramming Method	Sendai Virus (SeV)
Disease Status	Healthy
Gender	Female
Age at Sampling	XXX
Ethnicity	XXX
Race	XXX

Characterizations

Identity by STR	STR profile match with donor profile
Sterility (EP 2.6.27)	No growth
Mycoplasma (EP 2.6.7, NAT)	No mycoplasma detected
Pluripotency Markers	SSEA-4: 98% TRA-1-60: 98% OCT-3/4: 99% NANOG: 98%
Cell Viability	79%
Cell Count	1.08 x 10 ⁶ /mL
Karyotype	46, XX
Genetic Stability - ICS-digital PSC (28 probes) by	CNVs not detected

Culturing Information

Growth Media	mTeSR™ Plus
Substrate	Vitronectin CTS
Split Ratio	Vitronectin CTS
Passaging Method	ReLeSR™