



Human CD34⁺ Induced Pluripotent Stem Cells

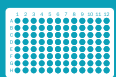
Start your research journey with a robust iPSC cell
with the cleanest genetic profile

- Ethically sourced, healthy stem cells reprogrammed from Human CD34⁺ cells using our patented method
- Ready-to-use, fast growing cell line with 20 hour doubling times
- Higher proliferative, engraftment, and pluripotent potential versus other tissue sources
- Clean karyotype without genetic deletions, insertions or translocations
- Programmed without oncogenic *c-Myc* or *Lin28* factors to ensure downstream safety

CAT: CR1003-500



Key Research Applications



High
Throughput
Screening



Disease
Modeling



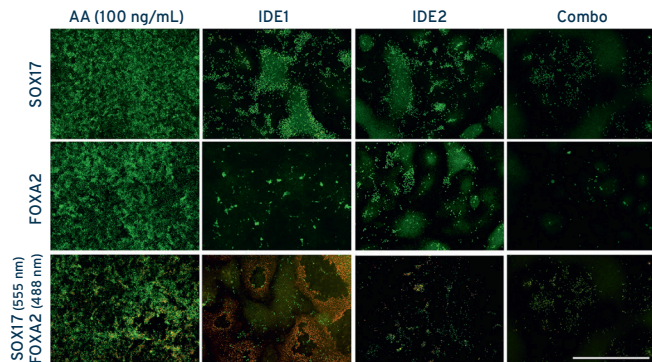
Toxicology
Testing



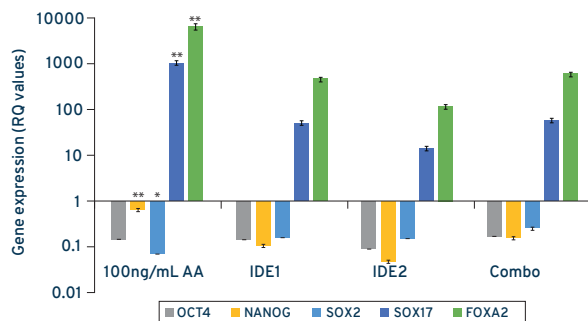
Tissue
Engineering

Human CD34⁺ normal progenitor cells normal progenitor cells differentiated into definitive endoderm cells and mature beta cell markers

CD34⁺ derived definitive endoderm cells



Comparative quantitation of pluripotency markers of CD34⁺ derived definitive endoderm cells

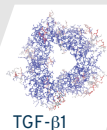


Willey, A et al. University of Kansas Medical Center

Related Offerings



iPSC Growth
Media Kit
CAT MR1001-K



Growth
Factors



Differentiation
Media



SCAN THE QR CODE
FOR INFORMATION
ON CET'S iPSCS

Offense and Defense in one iPSC Platform...

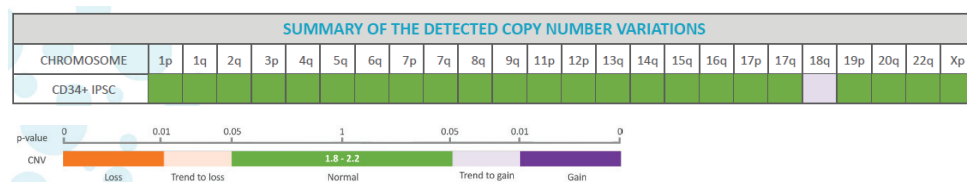
just for YOU.

CD34+ iPSC Genetic Karyotyping

G-banded metaphase spreads



Genetic Karyotyping



Duo-iCS-Karyo analysis performed by StemGenomics, Inc.

iPSC SOLUTIONS

Category	Product Type	Catalog No.	Product Name
iPSC Reprogramming Solutions	Kit	MR1003-K	Human iPSC Complete Reprogramming Kit
	Kit	MR1001-K	Human iPSC Growth Media Kit
	Supplements	MR1004	Human iPS Cell Episomal DNA Reprogramming Mix
	Supplements	MR1002	Human iPSC Passaging Solution
Normal iPSCs	Cells	CR1001-500	Human Foreskin Fibroblast Induced Pluripotent Stem Cells (iPSCs)
	Cells	CR1002-500	Human Multipotent Induced Pluripotent Stem Cells (iPSCs)
	Cells	CR1003-500	Human CD34 ⁺ Induced Pluripotent Stem Cells (iPSCs)
	Cells	CR1018-500	Human Amniotic Membrane Induced Pluripotent Stem Cells (iPSCs)
Disease Model iPSCs	Cells	CR1008-500	Human Alzheimer's Presenilin-1 Mutation iPSCs
	Cells	CR1009-500	Human Gaucher's Type 1 iPSCs
	Cells	CR1010-500	Human Cystic Fibrosis iPSCs
	Cells	CR1011-500	Human Cystinosis iPSCs
	Cells	CR1012-500	Human Niemann Pick Type C (Male) iPSCs
	Cells	CR1013-500	Human Niemann Pick Type C (Female) iPSCs
	Cells	CR1014-500	Human Alpha 1 Anti-Trypsin Deficiency iPSCs
Cell Culture Media	Media	MR1011	Human Fibroblast Expansion Media
	Media	MR1006	Human Multipotent Unrestricted Somatic Stem Cell Expansion Media
	Media	MR1007	Human Adipogenic Differentiation Media
	Media	MR1008	Human Chondrogenic Differentiation Media
	Media	MR1009	Human Osteogenic Differentiation Media
Research Starter Kits	Kit	BR1001	Human Foreskin Fibroblast iPSC Starter Kit
	Kit	BR1009	Human CD34 ⁺ iPSC Starter Kit
	Kit	BR1010	Human Amniotic Membrane-Derived MSC Starter Kit