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Product Information

Human Dermal Fibroblasts, Normal

Catalog Number	10HU-013 (Neonatal) 10HU-014 (Adult)	Cell Number	0.5 x 10^6 cells/vial 1.0 x 10^6 cells/vial
Species	*Homo sapiens*	Storage Temperature	Liquid Nitrogen

Description

iXCells Biotechnologies provides high quality Human Dermal Fibroblasts (HDF) from either neonatal foreskin (Cat# 10HU-013) or adult skin (Cat# 10HU-014). These cells are derived from the dermis of normal human neonatal foreskin or adult skin, and cryopreserved at the end of primary culture. HDF are negative for HIV-1, HBV, HCV, mycoplasma, bacteria, yeast, and fungi. They can further expand for 15 population doublings in Fibroblast Growth Medium (Cat# MD-0011) under the condition suggested by iXCells Biotechnologies. A Certificate of Analysis is provided for each cell lot purchased.

Applications:

- iPSC generation
- ECM protein analysis
- Wound healing
- Collagen metabolism
- Skin therapy/models

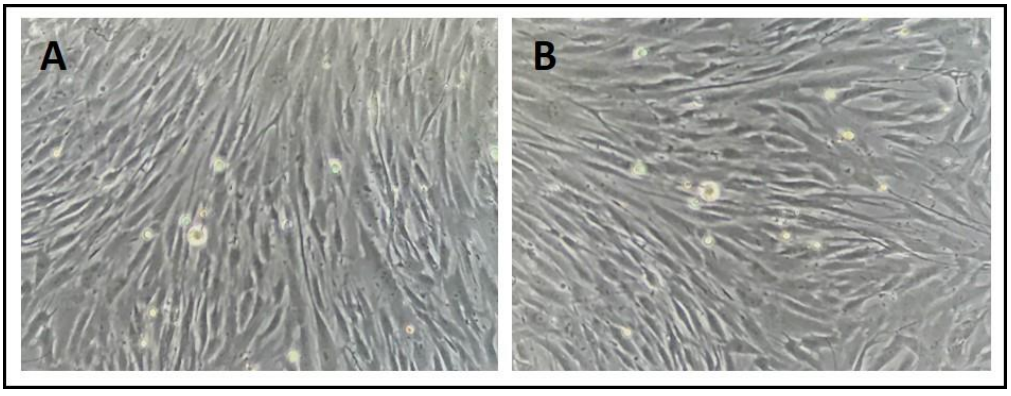

Figure 1. (A) Human Neonatal Dermal Fibroblasts (10HU-013). **(B)** Human Adult Dermal Fibroblasts (10HU-014).

Product Details

Tissue	Human Dermal Fibroblasts, Normal (Neonatal foreskin, adult skin)
Package Size	$0.5x10^6$ cells/vial, $1.0x10^6$ cells/vial
Shipped	Cryopreserved
Storage	Liquid nitrogen
Growth Properties	Adherent
Media	Human Fibroblast Growth Medium (Cat# MD-0011)

Related Products

Description	Size	Catalog #
Human Dermal Fibroblasts, Normal (Neonatal)	$0.5x10^6$ cells / Vial	10HU-013
	$1.0x10^6$ cells / Vial	10HU-013
Human Dermal Fibroblasts, Normal (Adult)	$0.5x10^6$ cells / Vial	10HU-014
	$1.0x10^6$ cells / Vial	10HU-014
Human Fibroblast Growth Medium	500 ML	MD-0011

References

[1] Malpass G, Arimilli S, Prasad G, Howlett C. Regulation of Gene Expression by Tobacco Product Preparations in Cultured Human Dermal Fibroblasts. Toxicol Appl Pharmacol 279(2): 211-219 (2014).

[2] Golberg A, Bei M, Sheridan R, Yarmush M. Regeneration and control of human fibroblast cell density by intermittently delivered pulsed electric fields. Biotechnol Bioeng 110(6):1759-68 (2013).

Disclaimers