

## Human Dermal Fibroblast, neonatal, pooled

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#### Product Description:

HDF (Human Dermal Fibroblast) are primary cells derived from normal human foreskin and pooled in average from three or more donors. HDF were cultured in our non-defined Fibroblast Growth Medium (PB-MH-400-9099) and cryopreserved at passage 1 to 3 (See CoA for detailed information). These normal HDF can be subcultured and propagated 20 population doublings and without losing their morphologic characteristics, when cultured following the detailed protocol.

#### Storage of cells:

When you receive the cells please store them immediately in liquid nitrogen.

**NOT FOR CLINICAL, DIAGNOSTIC OR Therapeutic Procedures. DO NOT USE IN HUMANS. Since the material is of human origin, these cells have to be treated as potentially biologically hazardous material, even if serological tests are negative.**

#### Characterization of the Cells

Human Dermal Fibroblast are characterized by morphological observation throughout serial passages.

Initial Seeding Density:	4 x 10 <sup>3</sup> cells / cm <sup>2</sup>
Seeding Density after passaging:	1 x 10 <sup>3</sup> cells / cm <sup>2</sup>
Time to confluence:	5 days
Additional population doublings using our media:	>20

Fibroblast are negative for HIV-1, HBV, HCV, bacteria, yeast, fungi and mycoplasma.

#### Product Information

<b>Name of Cells:</b>	Human dermal Fibroblast, neonatal, pooled – isolated from foreskin Cryopreserved at the end of secondary culture in non-defined Fibroblast Growth Medium containing 10% FBS and 10% DMSO.		
<b>Catalogue Number:</b>	PB-CH-422-0713		
<b>Product Format:</b>	cryo		
<b>Cell Number:</b>	5x 10 <sup>5</sup> cells / vial		
<b>Medium:</b>	PB-MH-400-9099	Fibroblast Growth Medium Kit enhanced (Basal medium + Supplement Kit; optional: Antibiotics)	

**Human Dermal Fibroblast are for research use only.**

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