

P10826

Fibroblasts are mesenchymal cells derived from the embryonic mesoderm.

They have been extensively used for a wide range of cellular and molecular studies. This is mainly because they are one of easiest types of cells to grow in culture, and their durability makes them amenable to a wide variety of manipulations ranging from studies employing gene transfection to microinjection. Fibroblasts secrete a nonrigid extracellular matrix that is rich in type I and/or type III collagen.

Dermal fibroblasts also secrete large quantities of hyaluronan in response to inflammatory stimuli. During wound healing, dermal fibroblasts switch from a migratory, repopulating phenotype to a contractile, matrix-reassembling phenotype.



HORSE DERMAL FIBROBLASTS

Product type: Cryo-preserved Dermal Fibroblasts

Catalog Number: P10826

Source: Horse Dermal Tissue

Number of Cells/vial: 5 x 10⁵ cells / vial

Storage: Liquid Nitrogen

Background

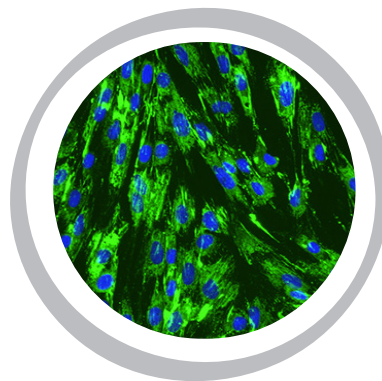
Horse Dermal Fibroblasts (HoDF) provided by Innoprot are isolated from horse dermal tissue. HoDF are cryopreserved at passage one after purification and delivered frozen. HoDF are guaranteed to further expand for 5 population doublings at the conditions described in this technical sheet.

Recommended Medium

Ref. P60108 - Fibroblast Medium Kit.

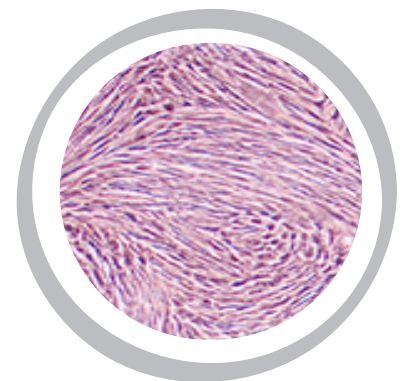
Characterization

The cells are tested negative for HIV-1, HBV, HCV, mycoplasma, bacteria, yeast and fungi.



Fibronectin Immunostaining

Phase contrast image



THIS PRODUCT IS FOR RESEARCH PURPOSES ONLY

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