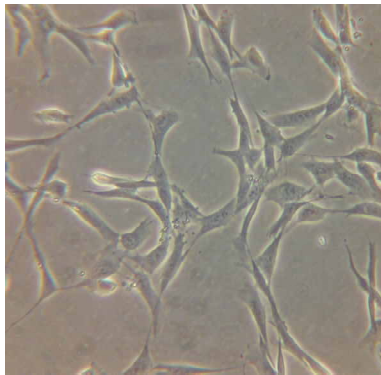


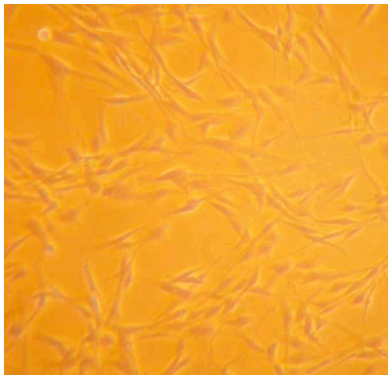
Fibroblast Growth Medium

PRIMACYT has developed FGM (Fibroblasts Growth Medium), which allows the culture and multiple passaging of primary human dermal fibroblasts. This cell type is isolated from the dermis of juvenile/infantile foreskin or adult skin from different locations like face, breasts or abdomen. Human fibroblasts are cryopreserved at passage 1 (P1). Proliferating cell cultures are made from cryopreserved cells, which have been thawed and cultured at PRIMACYT.

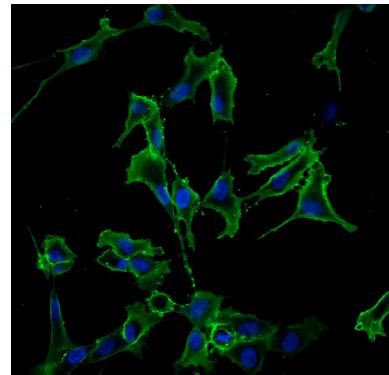
The cells are tested for morphology, cell viability, and adherence rate. Growth performance is tested through multiple passages up to at least 15 population doublings and immunohistochemical staining of the fibroblast specific antigen CD90 is performed.



normal human fibroblasts,
derived from juvenile
foreskin, phase contrast,
passage 1 after isolation



normal human fibroblasts,
derived from adult eyelid,
phase contrast, passage 3
after cryopreservation



normal human fibroblasts,
derived from juvenile
foreskin, stained for
fibroblast specific surface
antigen CD90 (green),
nuclei stained with Hoechst
33342 (blue), passage 1
after cryopreservation

Related products:

FGM-500	Fibroblast Growth Medium, 500 ml
NHDF-AD-Pro	Human dermal fibroblasts, adult donor, 500.000 proliferating cells
NHDF-AD-Cryo	Human dermal fibroblasts, adult donor, 500.000 viable cells
NHDF-JF-Pro	Human dermal fibroblasts, juvenile foreskin, 500.000 proliferating cells
NHDF-JF-Cryo	Human dermal fibroblasts, juvenile foreskin, 500.000 viable cells