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Human Skeletal Muscle Cells (HSkMC)

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Cat#: PB-CH-272-0011-44

Product Description

Human Primary Skeletal Muscle Cells are isolated from normal healthy human limb skeletal muscle tissue. Primary Ske letal Muscle Cells grown in Skeletal Muscle Cell Growth Medium (PB-MH-272-0090) at passage 2 are cryo-preserved in vials and shipped. The cells are characterized by ability to form multinucleated myotubes after culture in fusion medium. Cells can be subcultured or passaged >15 doublings when cultured following the detailed protocol described below. Repeated freezing andthawing of cells is not recommended.

Characterization of the Cells

Myosin: > 98% positive by immunofluorescence
Actin: > 98% positive by immunofluorescence

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

Handling of Arriving Cells

When you receive the frozen vials, you can keep the frozen vials in a -80°C Freezer for short term storage or in a liquid nitrogen tank for long term storage. When the cells should be seeded please see the following short instructions.

Product Information

Name of Cells: Human Skeletal Muscle Cells (HSkMC)
Catalogue Number: PB-CH-272-0011-44

Product Format: cryopreserved
Cell Number: > 5 x 10^5 cells / vial

Recommended Medium: PB-MH-272-0090 Skeletal Muscle Cell Growth Medium Kit classic
(Basal Medium + Supplements)

HSkMC are for research use only.

Although primary cells are tested pathogen-free, investigators should handle these cells with caution and treat all animal cells as potential pathogens, since no test procedure can completely guarantee the absence of infectious agents.