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Human Mesenchymal Stem Cells

Human Mesenchymal Stem Cells (Wharton´s Jelly)
Cat#:PB-CH-690-0511

Product Description:

Normal Adipose tissue-derived Human Mesenchymal Stem Cells are isolated from umbilical cord matrix (Wharton's Jelly) and demonstrated with spindle-shaped-, and fibroblast-like cells. Each lot is tested to ensure the cells can be passaged at least three times (i.e., approximately 10 population doublings) after thawing in Mesenchymal Stem Cell Medium Kit enhanced, xeno-free

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 Mesenchymal Stem Cells are characterized by several surface markers (present):CD29, CD44, CD73, CD90, CD105, and CD166 ; (absent): CD14, CD31, CD34, CD45 by Flow Cytometry) and their ability to differentiate into adipocytes, chondrocytes and osteocytes.

Seeding Density:	
Additional possible population doublings using our Mesenchymal Stem Cell Media:	6-8 x 10^3 cells / cm^2 8-10

Cell viability is ≥ 70% when thawed from cryyopreservation

Mesenchymal stem cells are negative for HIV-1, HIV-2, HBV, HCV, bacteria, yeast and mycoplasma.

Product Information

Name of Cells:	**Human Mesenchymal Stem Cells (Wharton´s Jelly)**
Catalogue Number:	PB-CH-690-0511
Product Format:	cryopreserved P1
Cell Number:	>5 x 10^5 cells / vial

Media:	PB-MH-675-0511	Mesenchymal Stem Cell Medium Kit (Basal medium + Supplements).
	PB-C-MH-675-0511-XF	Mesenchymal Stem Cell Medium Kit enhanced, xeno-free; tested
	PB-DH-675-ap, -ch, -os	MSC Differentiation Media (ap:adipogenic, ch: chondrogenic, os: osteogenic)

Human Mesenchymal Stem Cells are for research use only.

ORDER UNDER: sales@pelobiotech.com or FAX + 49 (0)89 517 286 59-0