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Human Liver Stellate Cells

Human Liver Stellate Cells
Cat#: PB-CH-453-5711

Product Description:
Human Liver Stellate Cells (HLStC) (PB-CH-453-5711) are initiated by hepatic artery perfusion digestion with collagenase. HLStC are separated from the mixture of hepatic sinusoidal MV endothelial cells and Kupffer cells in the digestion solution. The cells are shipped in passage 2 in a frozen vial. Liver Stellate-Growth medium (contains 10% serum and growth supplements, Cat# PB-MH-453-5700) is recommended for cell culture and these cells have a minimum average population doubling capacity levels **>8** 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

Cytoplasmic alpha-SMA:	**>99% positive by immunofluorescence**
Cytoplasmic PECAM1:	**< 1% positive by immunofluorescence**
Initial Seeding Density:	2 x 10^4 cells / cm^2
Seeding Density for subculturing:	1 x 10^4 cells / cm^2

HLStCs are negative for HIV-1, HBV, HCV, and mycoplasma.

Product Information

Name of Cells:	Human Liver Stellate Cells
Catalogue Number:	PB-CH-453-5711
Product Format:	cryopreserved
Cell Number:	**>**5 x 10^5 cells / vial

Medium:	PB-MH-453-0090	Liver Stellate Cell Growth Medium, ready to use

HLStC´s are for research use only.

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