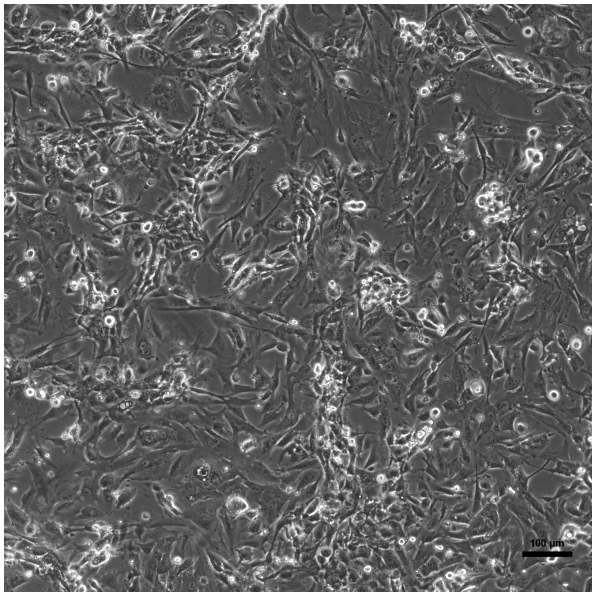
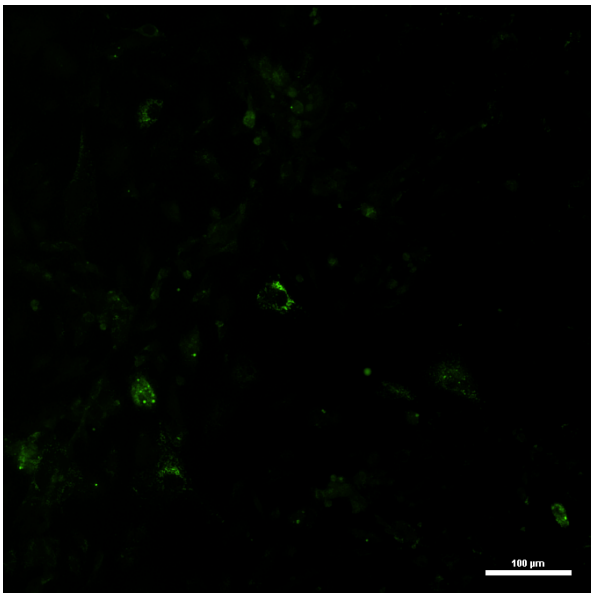
PRIMACYT
Cell Culture Technology

MML-NPC Marmoset Cryopreserved Non-Parenchymal Cells **Cell Specification – Certificate of Analysis (CoA)**	
Lot MMLNPC250722-1 P0 (Pool of 4)	Batch Release: Sept 5, 2025

Donor data	
Species: Marmoset (Callithrix jacchus)	Gender: 4 males Age: approx. 2 years 9 months 3 years 7 months 3 years 11 months 6 years 7 months
The animals from which the samples were taken were examined and found healthy. The stock is under regular veterinarian surveillance. Bacteriological and parasitological controls are performed. Causes of death are determined regularly. All animals were born in Europe.	

Cryopreservation and Thawing	
Cryopreservation: Date: July 31, 2025 Amount per vial: 1.03 x 10^6 cells	**Thawing:** n=2 Post-thaw viability: 96.2 ± 2.5 % Post-thaw yield per vial: 0.88 ± 0.18 x 10^6 cells Recovery: 85.1 ± 17.7 %

2D culture	
Phase contrast On day 1 after thawing (24 well plate, 100x)	**Bodipy staining** Green = lipid droplets (24 well plate, 100x)
	
Recommended seeding density on collagen-coated plates: 24well plate – 200,000-300,000 cells/well	

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Note: Based on the morphology, it is likely that in this NPC mix proportionally more liver endothelial cells (EC) are present in the culture than other non-parenchymal cells.
Note: Yield, viability, and recovery were determined at PRIMACYT using PRIMACYT's manual for thawing, plating and culture of cryopreserved non-parenchymal cells. **Store at -150 °C or in the vapour phase of LN_2** This product should be considered as potential biohazard. Only intended for *in vitro* use.

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