Note: LifeNet Health acquired the assets of Samsara Sciences in November 2019; therefore, some product documentation my contain Samsara branding. For any questions, please contact LifeNet Health LifeSciences at cells_tissues@lifenethealth.org



CERTIFICATE OF ANALYSIS

Product Name: Human Liver-derived Endothelial Cells Catalog Number: HLECp0

Lot Number: HL170062ECp0

STORAGE CONDITION

Short-Term (1-3 days): -80°C

Long-Term (>3 days): Liquid nitrogen vapor phase

QUALITY CONTROL RESULTS		
Appearance:	Yellowish frozen liquid	
Passage Number:	0	
Post-Thaw Yield:	1.2 x 10 ⁶ viable cells / vial	
Post-Thaw Viability (AO/PI stain):	85%	
Population Doubling:	1.7 Days	
Cell Size Average:	17.1 microns	
Mycoplasma (Roche MycoTOOL [®]):	Undetected	
Culture Morphology:	Characteristic morphology (see Figure 1)	
Biomarker Expression by Flow Cytometry:	Characteristic expression (see Figure 2)	

SEROLOGY		
Anti-CMV:	Positive	
EBV:	Positive	
Anti-HCV:	Non-reactive	
Anti-HBcAb:	Non-reactive	
HBsAg:	Non-reactive	
HBsAb (optional):	Not tested	
Anti-HIV I/II:	Non-reactive	
Anti-HTLV I/II (optional):	Not tested	
Syphilis:	Non-reactive	

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Ken Dorko, Associate Director Laboratory Operations

09-05-2019 Date

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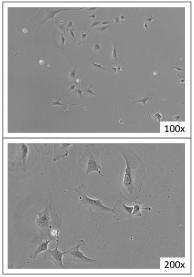
FOR RESEARCH USE ONLY



FIGURE 1. Culture Morphology

Shown for thawed and cultured, passage 1 cells

< 50% Confluence



> 85% Confluence

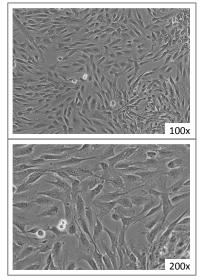
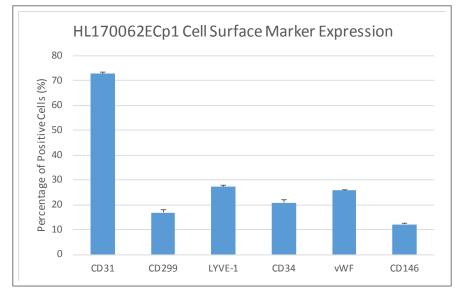


FIGURE 2. Flow Cytometry Profile

Shown for thawed and cultured, passage 2 cells



Results above determined by following Samsara Endothelial Cell care and handling protocols.

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