



Certificate of Analysis

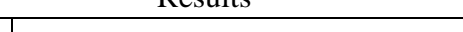
Product Description

Product Name	Human Primary Oral Epithelial Cells
Cat Number	T4074
Lot Number	HC7948
Source Organism	<i>Homo sapiens</i>
Source Organ	Oral Epithelial Tissue
Cell Passage Number	3
Doubling Time	72.6 hours
Freezing Medium	Cryopreservation Medium (TM024)
Date of Cryopreservation	March 20, 2014
QC Evaluation Medium	Prigrow I (TM001)

Test for Microbial Contaminants

	Test Method	Results
Bacteria	Direct Culture	Not detected
Fungi	Direct Culture	Not detected
Mycoplasma	PCR	Not detected

Cell Type Characterization

Gene	Cell Type	Specification	Results							
Cytokeratin 18	Epithelial	Positive	Pass							
Cytokeratin 19										
CD31	Endothelial	Negative	Pass							
vWF										
mGAPDH	House-Keeping	Negative	Pass							
hGAPDH		Positive								

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information.

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