

## Certificate of Analysis


### Product Description

Product Name	Human Primary Bronchial Epithelial Cells
Cat Number	T4006
Lot Number	VH7946
Source Organism	<i>Homo sapiens</i>
Source Organ	Bronchi
Donor Age/ Sex/ Race	51 / Male/ Caucasian
Cell Passage Number	2
Viability	> 70%
Freezing Medium	Cryopreservation Medium (TM024)
Date of Cryopreservation	February 12 , 2014
QC Evaluation Medium	Prigrow II (TM002)

### 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	<div><div>CK18CK19CD31vWFGAPDH</div></div>				
Cytokeratin 19								
CD31	Endothelial	Negative	Pass					
vWF								
GAPDH	House-Keeping	Positive	Pass					

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.