

## Certificate of Analysis

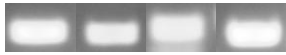
### Product Description

Product Name	Human Primary Aortic Endothelial Cells
Cat Number	T4039
Lot Number	HC1113
Source Organism	<i>Homo sapiens</i>
Source Organ	Aorta
Cell Passage Number	2
Viability	> 70%
Freezing Medium	Cryopreservation Medium (TM024)
Date of Cryopreservation	November 05, 2013
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	
vWF	Endothelial	Positive	Pass	<div> vWF   CD31   VEC   GAPDH </div>  <div> size   188bp   280bp   452bp   1268bp </div>
CD31				
VE-Cadherin				
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.