



## Certificate of Analysis

### Product Description

Product Name	Immortalized Human Brachiocephalic Artery Endothelial Cells – SV40
Cat Number	T0513
Lot Number	VH7947
Source Organism	<i>Homo sapiens</i>
Source Organ	Brachiocephalic Artery
Viability	>70%
Freezing Medium	Cryopreservation Medium (TM024)
Date of Cryopreservation	February 02, 2014
QC Evaluation Medium	Prigrow II (TM002)

The primary cells, from which these cells were derived, have been obtained with informed consent.

### 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															
CD31	Endothelial	Positive	Pass	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"></td> <td style="width: 25%; text-align: center;">CD31</td> <td style="width: 25%; text-align: center;">vWF</td> <td style="width: 25%; text-align: center;">VEC</td> <td style="width: 25%; text-align: center;">GAPDH</td> </tr> <tr> <td colspan="5" style="text-align: center;"> </td> </tr> <tr> <td style="text-align: left;">Size</td> <td style="text-align: center;">208bp</td> <td style="text-align: center;">188bp</td> <td style="text-align: center;">452bp</td> <td style="text-align: center;">208bp</td> </tr> </table>		CD31	vWF	VEC	GAPDH						Size	208bp	188bp	452bp	208bp
				CD31	vWF	VEC	GAPDH												
Size	208bp	188bp	452bp	208bp															
vWF																			
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.

No. 8, 13520 Crestwood Place  
 Richmond BC, Canada V6V 2G2  
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 F a x : 6 0 4 - 2 4 7 - 2 4 1 4  
 w w w . a b m G o o d . c o m