



## Cell Characterization Data Sheet

Donor #: 254-ASC

Lot #: ER20210723

Cell type: hASC, P0

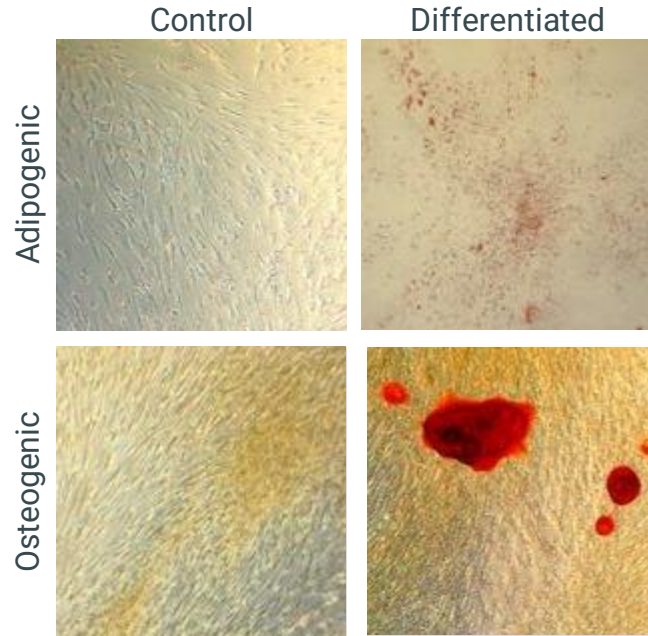
SKU: OS-101-01, OS-101-02, OS-305-01, OS-305-02, OS-305-03

Analysis Date: 3/13/2023

Publication Date: 4/20/2023

## Results


<i>Analysis</i>	<i>Specification</i>	<i>Value</i>	<i>Unit</i>	<i>Method</i>
<i>Sterility - Fungal</i>	Clear	Pass		Microscopy
<i>Sterility - Bacterial</i>	Clear	Pass		Microscopy
<i>Differentiation - Adipogenic</i>	Positive staining; lipid droplets	Positive		Oil red O staining
<i>Differentiation - Osteogenic</i>	Positive staining; calcification	Positive		Alizarin Red staining
<i>Proliferation</i>	>0% indicating metabolic activity	15.3% ± 0.9	% reduction, 24-48hr (average ± stdev)	alamarBlue proliferation assay
<i>Colony Forming Units - Fibroblast</i>	0-100 units	Not determined	# colonies per 100 cells	Toluidine Blue Staining



*Figure: Brightfield microscopy images, 10X. Osteogenic condition stained with Alizarin Red for calcification. Adipogenic condition stained with Oil Red O for lipid.*

Conforms to quality standards for commercial release.

Chief Scientific Officer



---

Cecilia Sanchez






# 254-ASC Cell Characterization Data Sheet

Final Audit Report

2023-05-05

Created:	2023-05-03
By:	David Bode (david.bode@obatalasciences.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAA_NMkPGKx7r6r5hR_0pLdfE-ZAOmJAhbi

## "254-ASC Cell Characterization Data Sheet" History

-  Document created by David Bode (david.bode@obatalasciences.com)  
2023-05-03 - 7:42:54 PM GMT
-  Document emailed to cecilia.sanchez@obatalasciences.com for signature  
2023-05-03 - 7:43:10 PM GMT
-  Email viewed by cecilia.sanchez@obatalasciences.com  
2023-05-05 - 8:41:23 PM GMT
-  Signer cecilia.sanchez@obatalasciences.com entered name at signing as CECILIA G SANCHEZ  
2023-05-05 - 8:42:15 PM GMT
-  Document e-signed by CECILIA G SANCHEZ (cecilia.sanchez@obatalasciences.com)  
Signature Date: 2023-05-05 - 8:42:17 PM GMT - Time Source: server
-  Agreement completed.  
2023-05-05 - 8:42:17 PM GMT