



Cell Characterization Data Sheet

Donor #: 250-ASC

Lot #: ER20210602

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	14.5% ± 0.6	% reduction, 24-48hr (average ± stdev)	alamarBlue proliferation assay
<i>Colony Forming Units - Fibroblast</i>	0-100 units	15	# colonies per 100 cells	Toluidine Blue Staining

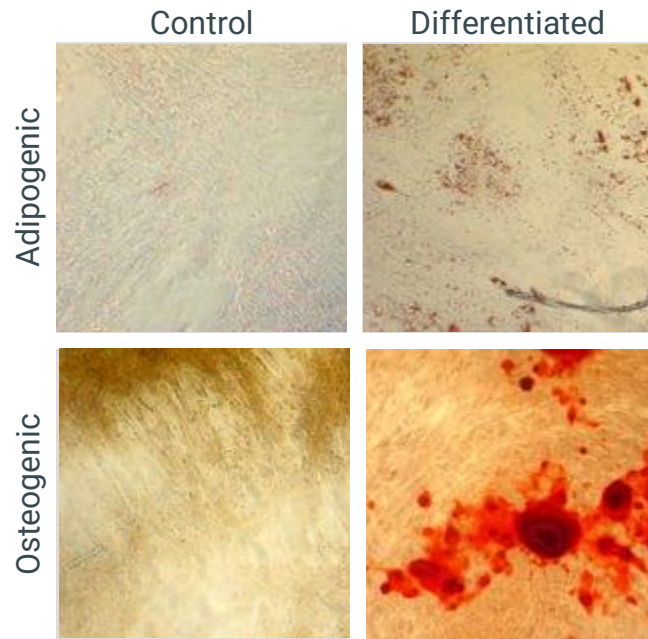
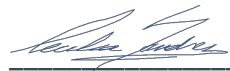


Figure: Brightfield microscopy images, 10X. Osteogenic condition stained with Alizarin Red for calcification. Adipogenic condition stained with Oil Red O for lipid.

Conforms to quality standards for commercial release.

Chief Scientific Officer



Cecilia Sanchez