



CERTIFICATE OF ANALYSIS

Product Human Mesenchymal Stem Cells

Catalog #: SC00AD1

Lot/batch number: 001

Test/Method	Specification	Result
<u>Ribosomal 16S RNA-PCR</u>	Negative	Negative
<u>Ribosomal 18S RNA-PCR</u>	Negative	Negative
<u>Mycoplasma Testing-PCR</u>	Negative	Negative
<u>Endotoxin Testing-ALA -IF</u>	Negative	Negative

Performance Testing

Viability (SC00A1-1) by Propidium iodide >90% 96.2

Growth rate Pass Pass

Continuous passage limit 10 10

Chondrogenic Differentiation Pass Pass

Osteogenic Differentiation Pass Pass

Adipogenic Differentiation Pass Pass

Cluster Designation Antigens

Phenotype: CD90+, CD105+

Source of Cells: Human lipoaspirate-collagenase digestion.

Date of Cryopreservation: 4-15-15

Passage Number: 1

This product is intended for *in-vitro* use in research or manufacturing applications only. It's suitability for use in humans or animals have not yet been determined.