

**CERTIFICATE OF ANALYSIS**

<b>PRODUCT NAME:</b> Human Skeletal Myoblasts - HSkM (S)	<b>Catalogue #:</b> A12555
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**Product Information**

<b>Description:</b>	Normal Human Skeletal Myoblasts (HSkM) cryopreserved at the end of the 5' culture level, $1.1 \times 10^6 \leq n \leq 1.9 \times 10^6$ viable cells per vial. Rapid differentiation.
<b>Lot Number:</b>	2149976
<b>Donor Sex/Ethnicity</b>	Female/Caucasian
<b>Storage Conditions:</b>	Liquid Nitrogen

**Required Testing and Results**

Test	Specification	Result
Viable cells per vial	$\geq 1.1 \times 10^6$ viable cells per vial	$2.09 \times 10^6$
Viability	$\geq 70\%$ viable	91.6%
Differentiation performance	$\geq 50\%$ myogenic index 48 hours after thaw	>80%
Detection of HIV-1 virus by PCR or blood screen antibody	Not detected	Pass (PCR)
Detection of Hepatitis B virus PCR or blood screen antibody	Not detected	Pass (PCR)
Detection of Hepatitis C virus PCR or blood screen antibody	Not detected	Pass (PCR)
Mycoplasma by PCR or direct culture	Not detected	Pass (Direct culture)
Sterility (Bacteria, Yeast, fungi)	Not detected	Pass

Quality Signature: \_\_\_\_\_

*Tony Schubert*

Date: \_\_\_\_\_

*27 Feb 2020*

The cells in this lot were derived from tissue obtained from accredited institutions. Consent was obtained by these institutions from the donor or the donor's legal next of kin, for use of the tissue and its derivatives for research purposes.

**Caution:** The user should treat all human cells as potential pathogens. Wear protective clothing and eyewear. Practice appropriate disposal techniques for potentially pathogenic or biohazardous materials.

For research use only. Not intended for human or animal therapeutic or diagnostic use.