

## Certificate of Analysis

eShop Dummy Customer DE  
used in eShop only  
D-

**Print Date:** 05-Feb-2024

**Product Name:** NHLF-Lung Fibroblasts FGM-2, cryo amp  
**Material Number:** CC-2512  
**Batch No:** 21TL347551  
**Manufacturing Date:** 27-Feb-2022

<i>Test</i>	<i>RESULT</i>	<i>SPECIFICATION</i>		<i>UNIT</i>
		<i>MIN</i>	<i>MAX</i>	
Tissue Acquisition Number	45564			
<b>DONOR CHARACTERISTICS</b>				
Age	43			
Sex	FEMALE			
Race	C			
<b>VIRUS TESTING</b>				
HIV Test	Not Detected			
HBV Test	Not Detected			
HCV Test	Not Detected			
SARS-CoV-2 Test	NEGATIVE			
<b>MICROBIAL TESTING</b>				
Sterility Test	Negative	***	***	
Mycoplasma	Negative	Not Detected	***	
<b>CELL PERFORMANCE TESTING</b>				
Cell Passage Frozen	2'			
Viability	91	>= 70%	***	%
Cell Count (Cells/ml)	619400	>= 500,000	***	
Seeding Efficiency	45	>= 20%	***	%
Doubling Time (hours)	21	15	48	hrs

This lot has been reviewed by Quality Assurance in compliance with requirements of Lonza's Quality System. This document was generated from a validated Part 11-compliant electronic system and thus handwritten signatures are not required.

Lonza  
523 Davis Drive Suite 400B  
Morrisville, NC, 27560

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		<i>MIN</i>	<i>MAX</i>	
Alpha Actin Expression	Pass	Pass (<=5% Positive)		***

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**Additional Information:**

These cells were isolated from donated human tissue after obtaining permission for their use in research applications by informed consent or legal authorization. This product is for research use only. Details concerning the use of our cell and media products can be downloaded from our website at [www.lonza.com/cell-protocols](http://www.lonza.com/cell-protocols).

In addition to the specifications listed above, the following are guaranteed for all lots of this product using Lonza's Clonetics(TM) and Poietics(TM) Media, Reagents, and Protocols: Total Population Doublings >=15, Factor VIII Negative, Cytokeratin 18 Negative, Cytokeratin 19 Negative.

### Cheryl Kitchen

Electronically signed by Cheryl Kitchen

Date: 08-APR-2022 14:40:04 EST

Release ( Inspection Lot: Usage Decision )

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For Technical Assistance, call 1-800-521-0390