## **Certificate of Analysis**

Item number: OES-ISO72-CXP1

Lot number: CXP1-100

Line ID: ISO72

Donor Age/Sex:

83/Female

Species:

Human

Tissue

Colorectal Cancer

Volume per vial:

0.5 mL

Date frozen:

21 NOV 2024

Format:

Organoids stored in freezing medium

Storage conditions:

Store at -150°C

Usage:

For research use only - organoids are single use only and not to be passaged for

MOLECULAR DEVICES

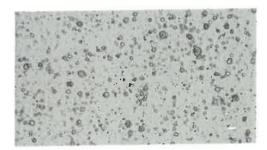
CofA Issue: 1

repeated use or for other organoid expansion processes

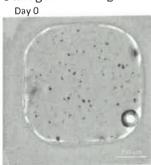
Characteristic	Specification	Result	
Passage number	Not applicable	P33	
Average organoids per vial	≥ 100,000	127,555	
Average organoid size post thaw	Report results	32.63 μm	
Growth after recovery (Visual observation)	Growth observed over 7 days	Growth observed over 7 days	
Mycoplasma			
(PCR based assay)	Not detected	Not detected	
Viral screening			
HIV-1, HIV-2	Not detected	Not detected	
HBV	Not detected	Not detected	
CMV	Not detected	Not detected	
EBV	Not detected	Not detected	
HPV	Not detected	Not detected	
(PCR based assay)			
Sterility			
Bacteria, yeast and fungi	Not detected	Not detected	
(Direct inoculation)			

Representative image of organoids in culture:

4x magnification
scale bar = 100µm



Representative images following thaw (4x magnification, scale bar = 700μm)







Manufacturing Facility: Molecular Devices (UK) Ltd | 1 Longwood Drive | Cardiff | CF14 7HY | United Kingdom Head Office: Molecular Devices (UK) Ltd | 660 - 665 Eskdale Rd | Winnersh Triangle | Wokingham | RG41 5TS | United Kingdom www.MolecularDevices.com

## **Certificate of Analysis**



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Written by:				
Name	Role	Signature	Date	
Harman Chagger	Scientist	Ø	20 DEC 2024	

QA approval:					
Name	Role	Signature	Date		
Ren Jones	QA specialist	CBlones	20 Dec 2024		