Certificate of Analysis

Item number:

OES-ISO49-CXP1

Lot number:

CXP1-081

Line ID:

15049

CofA Issue: 2

MOLECULAR DEVICES

Donor Age/Sex:

77/M

Species:

Human

Tissue:

Colorectal Cancer

Volume per vial:

≥0.5 mL

Date frozen:

10 AUG 2023

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

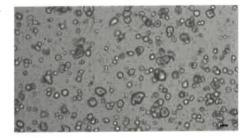
repeated use or for other organoid expansion processes

Characteristic	Specification	Result	
Passage number	Not applicable	P22	
Average organoids per vial	≥100,000	119,842	
Average organoid size post thaw	Report results	50.5 μm	
Growth after recovery	Growth observed over 7 days	Growth observed over 7 days	
(Visual observation)			
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:

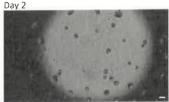
4x magnification

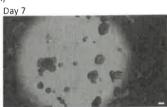
scale bar = 100μm



Representative images following thaw (4x magnification, scale bar = $100 \mu m$)







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Written by:				
Name	Role	Signature	Date	
Mairian Thomas	Project Manage	NATIO	31MA42024	

QA approval:					
Name	Role	Signature	Date		
Ben Jones	a specialist	CB lones	31 May 2024		