Certificate of Analysis

OES-ISO50-CXP1 Item number:

CXP1-090 Lot number:

CofA Issue: 1 Line ID: **ISO50**

MOLECULAR DEVICES

75/Male Donor Age/Sex: Species: Human

Colorectal Cancer Tissue:

≥0.5 mL Volume per vial: 31 JUL 2024 Date frozen:

Organoids stored in freezing medium Format:

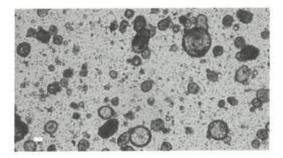
Storage conditions: Store at -150°C

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

repeated use or for other organoid expansion processes

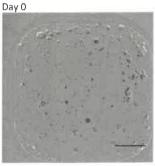
Characteristic	Specification	Result	
Passage number	Not applicable	P31	
Average organoids per vial	≥100,000	148,007	
Average organoid size post thaw	Report results	44.56 μm	
Growth after recovery	Growth observed over 7 days	Growth observed over 7 days	
(Visual observation)			
Mycoplasma			
(PCR based 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)			

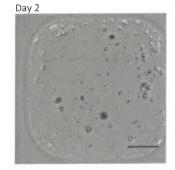
Representative image of organoids in culture: 4x magnification scale bar = 100μm

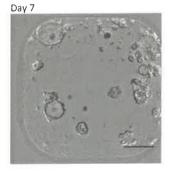


Representative images following thaw (4x magnification, scale bar = 700μm)









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

Item number:

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CofA Issue: 1

Written by:					
Name	Role	Signature	Date		
Kim Luetchford	Senior Scientist	4	18 StP2024		

QA approval:				
Name	Role	Signature	Date	
Ben Jones	Qx specialist	CBJones	18 Sep 2024	