Certificate of Analysis

Item number:

OES-BCO037-CXP1

Lot number:

BCXP1-021

Line ID:

BCO-037

CofA Issue: 2

MOLECULAR DEVICES

Donor Age/Sex:

Unknown/F

Species:

Human

Tissue:

Breast Cancer

Volume per vial:

≥0.5 mL

Date frozen:

19 JUL 2022

Format:

Organoids stored in freezing medium

Storage conditions:

Store at -150°C

Usage:

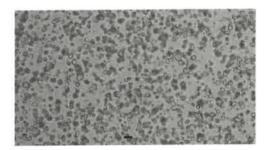
For research use only - organoids are single use only and not to be passaged for

repeated use or for other organoid expansion processes

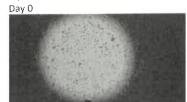
Characteristic	Specification	Result	
Passage number	Not applicable	P15	
Average organoids per vial	≥250,000	369,399	
Average organoid size post thaw	Report results	25.33 μm	
Growth after recovery	Growth observed over 7 days	Growth observed over 7 days	
(Visual observation)			
Mycoplasma			
(PCR based 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)			

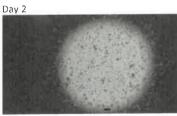
Representative image of organoids in culture:

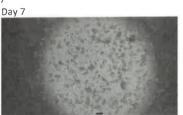
4x magnification scale bar = 100μm



Representative images following thaw (4x magnification, scale bar = 100μm)







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

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Written by:				
Name	Role	Signature	Date	
Mairian Thomas	Project Manager	AATTO	31 MAY 2024.	

QA approval:					
Name	Role	Signature	Date		
Ben Jone	s QA specialist	CB Jones	3 May 2024		