## **Certificate of Analysis**

Item number:

OES-DP41N2-CXP1B

Lot number:

FCXP1-028

Line ID:

DP41N2

Donor Age/Sex:

39/Male

**Species:** 

Human

Tissue:

Duodenum

Volume per vial:

≥1mL

Date frozen:

06 Sep 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

DEVICES NO STATE OF THE STATE O

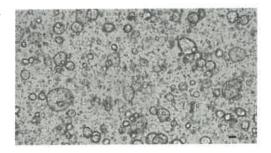
CofA Issue: 1

repeated use or for other organoid expansion processes

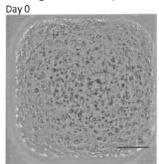
Characteristic	Specification	Result	
Passage number	Not applicable	P23	
Average organoids per vial	≥100,000	138,781	
Average organoid size post thaw	Report results	38.08 μm	
Growth after recovery	Growth observed over 7 days	Growth observed over 7 days	
(Visual observation)			
Mycoplasma			
(PCR based 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)			

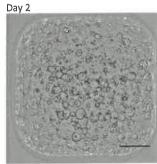
Representative image of organoids in culture:

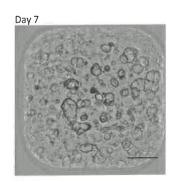
4x magnification scale bar = 100μm



Representative images following thaw (4x magnification, scale bar =  $700\mu m$ )







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

Revision: 2 Page 1 of 2

QUA-FRM-0070

## **Certificate of Analysis**

Item number:

OES-DP41N2-CXP1B

Lot number:

FCXP1-028

Line ID:

DP41N2



CofA Issue: 1

Written by:

Name Role Signature Date

William Newell Senior Bioprocess Engineer 2500729

QA approval:				
Name	Role	Signature	Date	
Ben Jones	QA Specialist	C.B. Jones	25 oct 2024	