



CS-OG-D1 (10% DMSO, 100mL/bottle)

For the cryopreservation of various types of organoids

Product Specifications

- Ready-to-use
- Ice-controlling Technology
- cGMP-manufactured with pharmacopeia ingredients
- Chemically Defined
- Endotoxin < 0.5 EU/mL



Shelf Life: 12 months

Storage Temperature: 2°C - 8°C

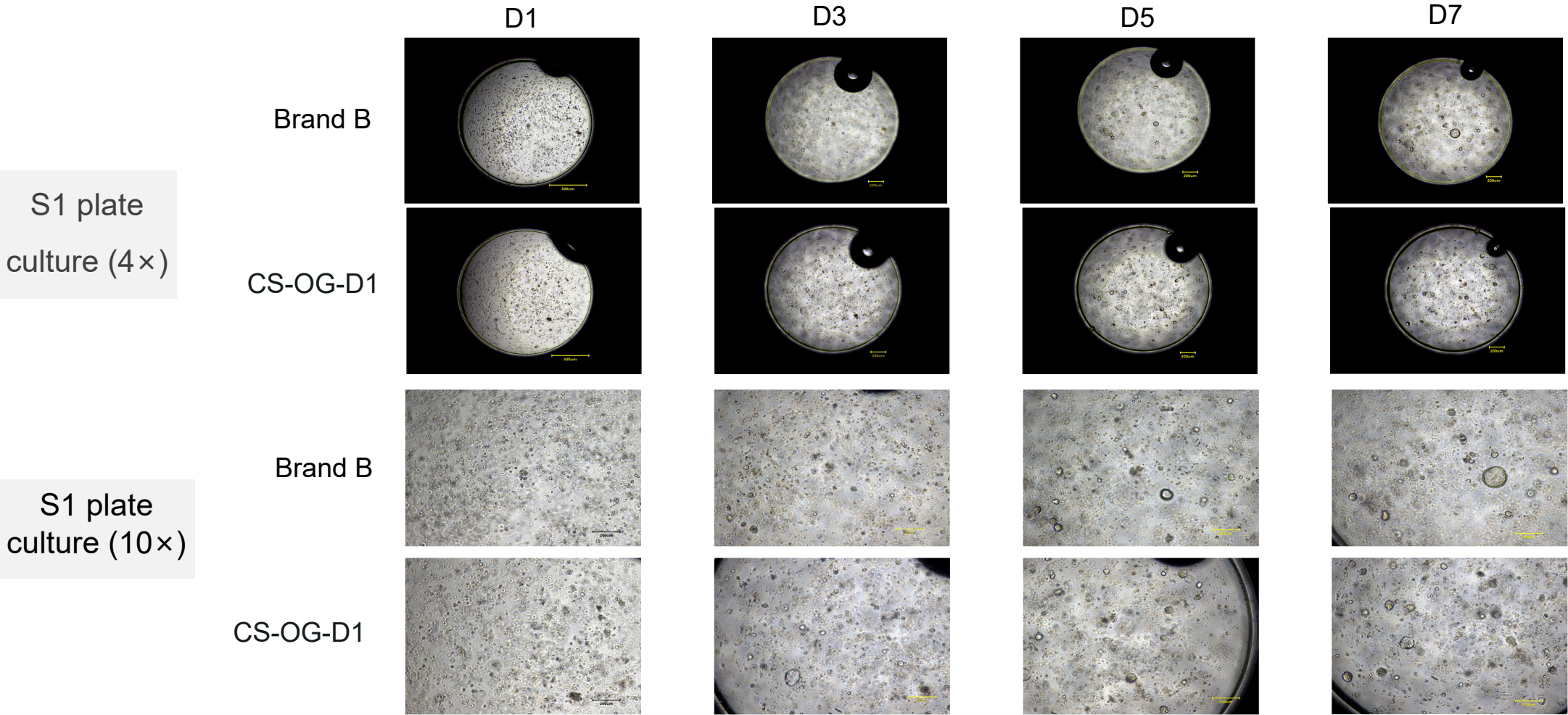


Product Name: Organoid Cryopreservation Medium

Cat.: CS-OG-D1

Cell Type: Normal intestinal organoids

Comparison of Spheroid Formation Ability of Normal Intestinal Organoids After Thaw

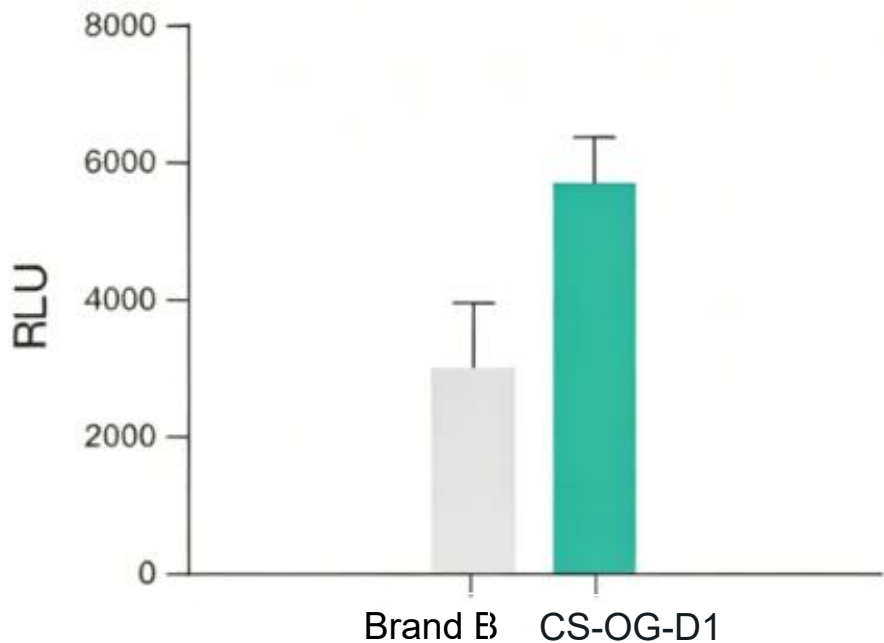




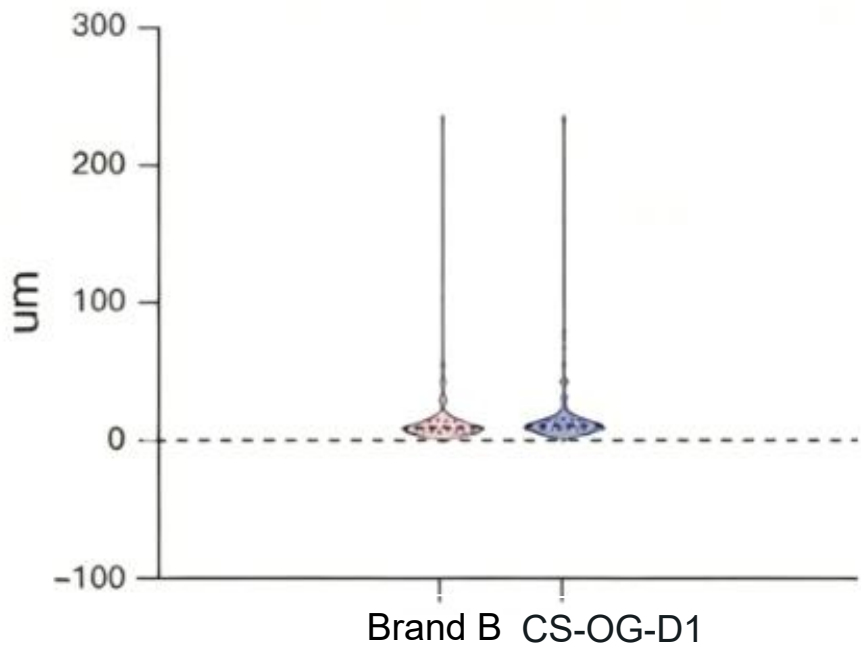
Product Name: Organoid Cryopreservation Medium
Cat.: CS-OG-D1
Cell Type: Normal intestinal organoids

Comparison of Viability and Size in Normal Intestinal Organoids After Thaw

Comparison of ATP Assay Results



Comparison of Organoid Diameter Statistics



The two groups of organoids were cultured for 7 days after thaw. ATP was detected to evaluate cell viability, and the CellStore group was superior to the control group.

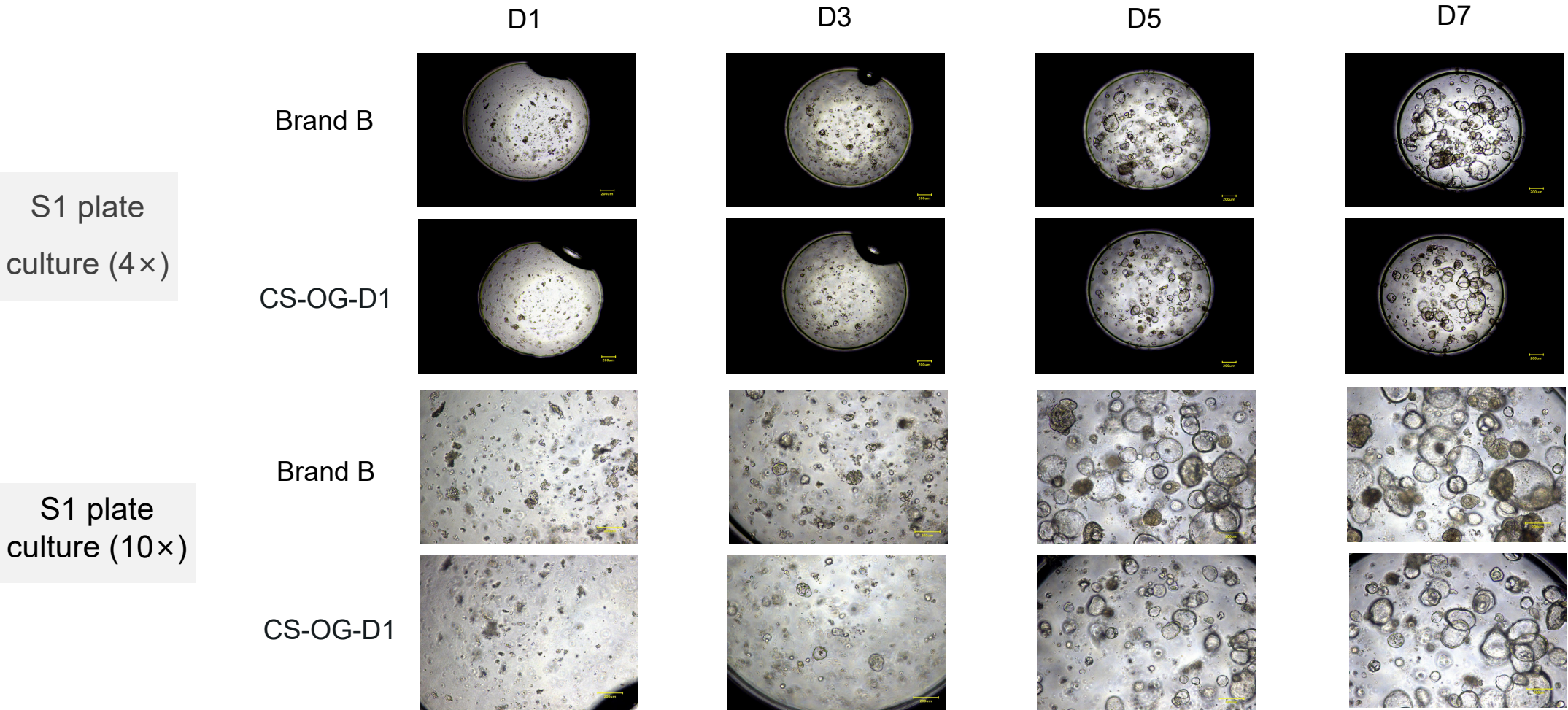


Product Name: Organoid Cryopreservation Medium

Cat.: CS-OG-D1

Cell Type: Colorectal Cancer organoids

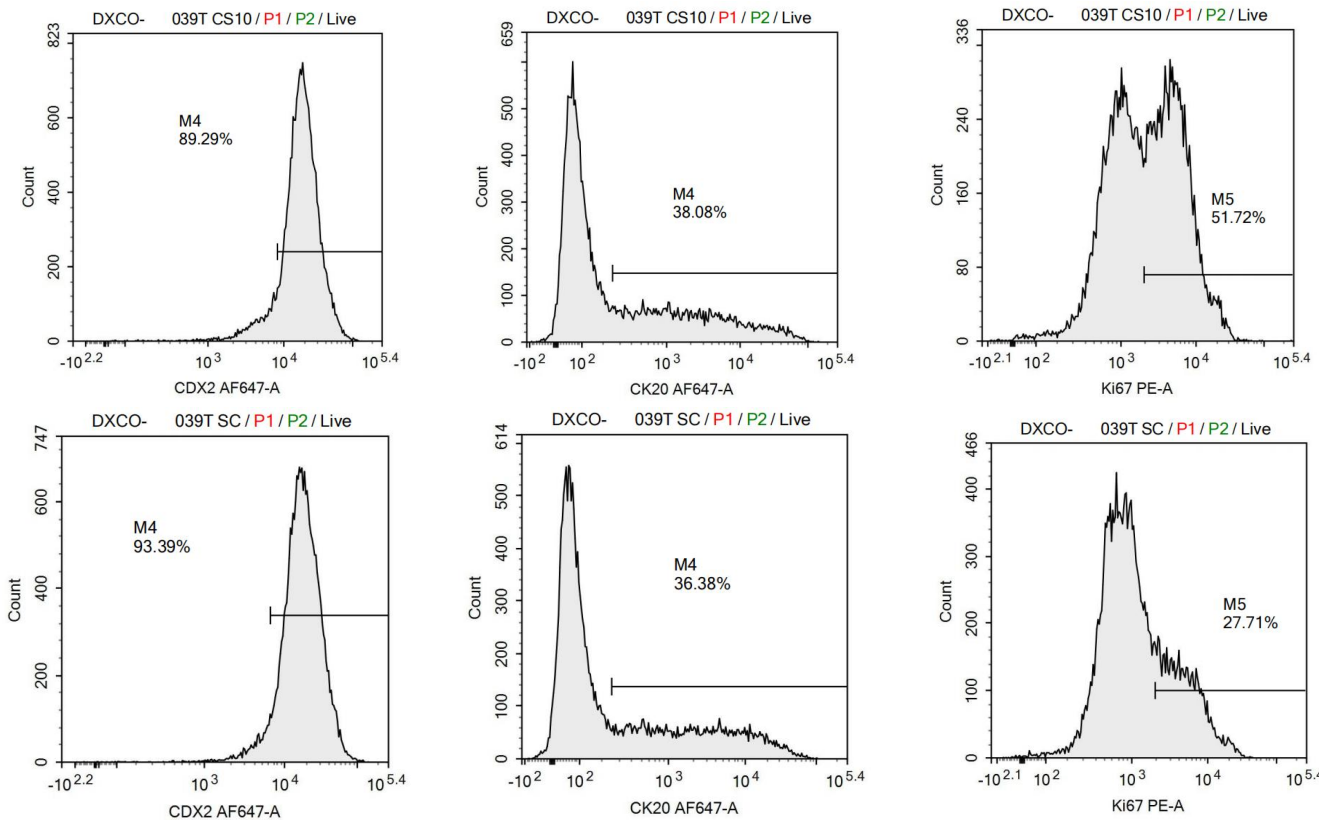
Comparison of Spheroid Formation Ability of Colorectal Cancer Organoids After Cryopreservation





Product Name: Organoid Cryopreservation Medium
Cat.: CS-OG-D1
Cell Type: Colorectal Cancer organoids

Comparison of Flow Cytometry Results of Colorectal Cancer Tissue Organoids After Cryopreservation



Before Cryopreservation			
Marker	CDX2	CK20	Ki67
	87.5%	26.55%	22.16%

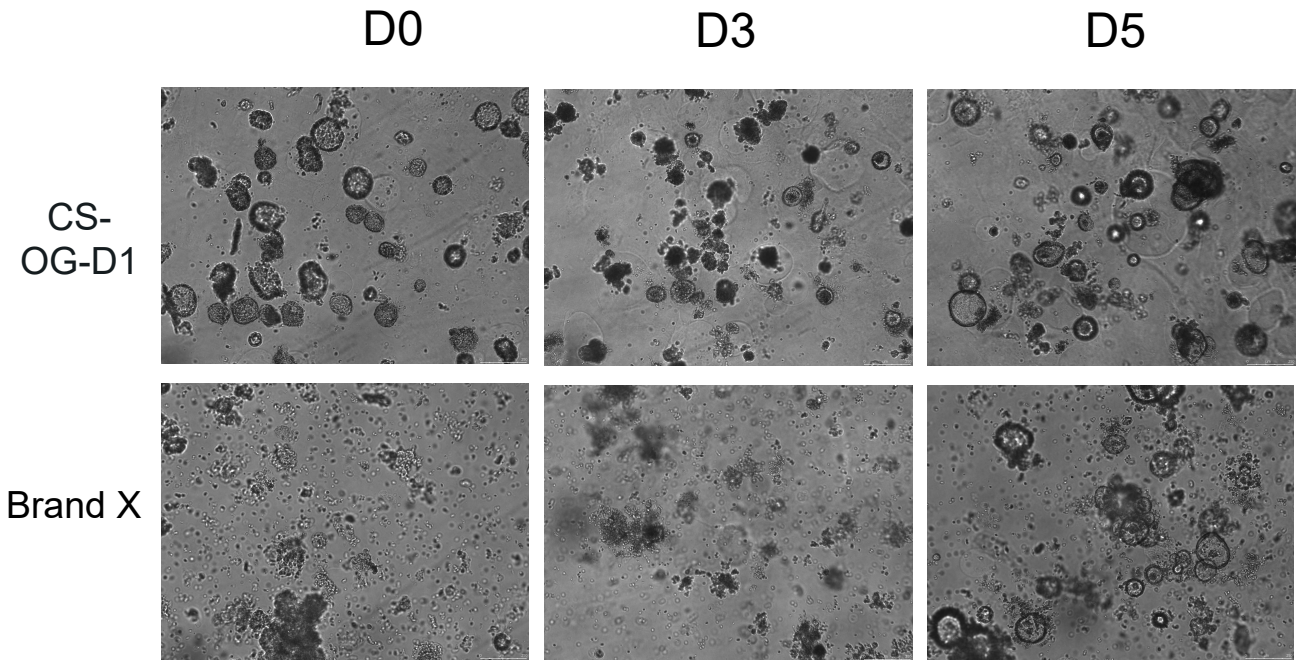
After Cryopreservation			
Group	CDX2	CK20	Ki67
Brand B	89.29%	38.08%	51.72%
CS-OG-D1	93.39%	36.38%	27.71%

The two groups exhibited comparable maintenance effects on the pathological markers CDX2 and CK20 after cryopreservation.

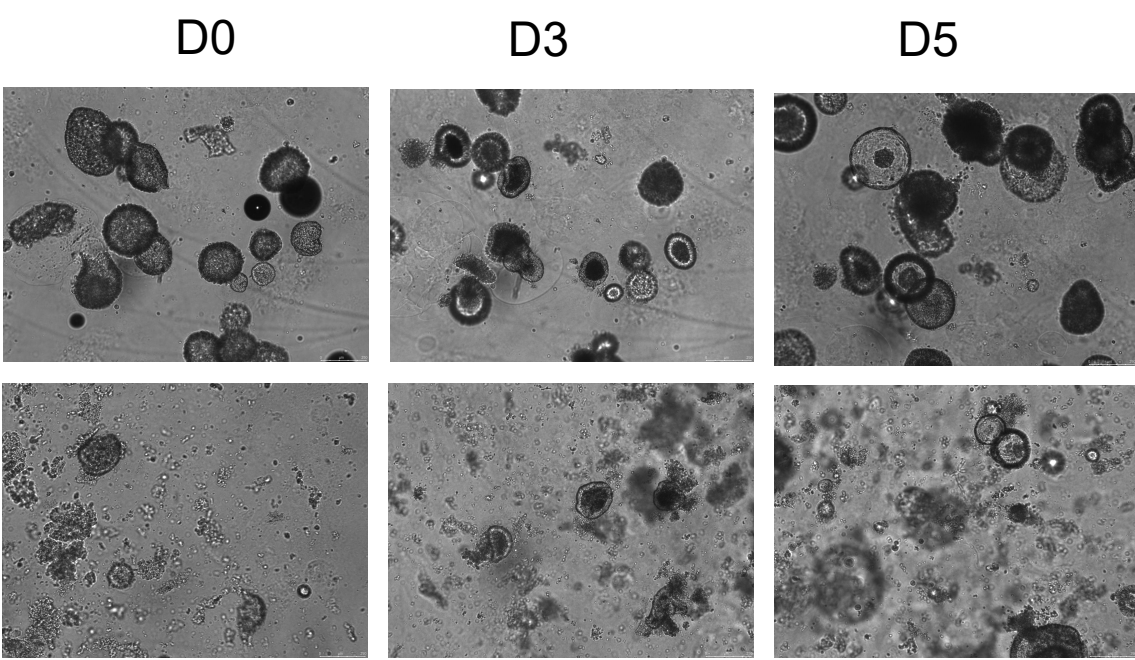


Product Name: Organoid Cryopreservation Medium
Cat.: CS-OG-D1
Cell Type: Endometrial Organoids

Comparison of Spheroid Formation Ability of Endometrial Organoids Cryopreserved for Different Days



Thawed after 14-day cryopreservation



Thawed after 34-day cryopreservation



Product Name: Organoid Cryopreservation Medium

Cat.: CS-OG-D1

Cell Type: Endometrial Organoids

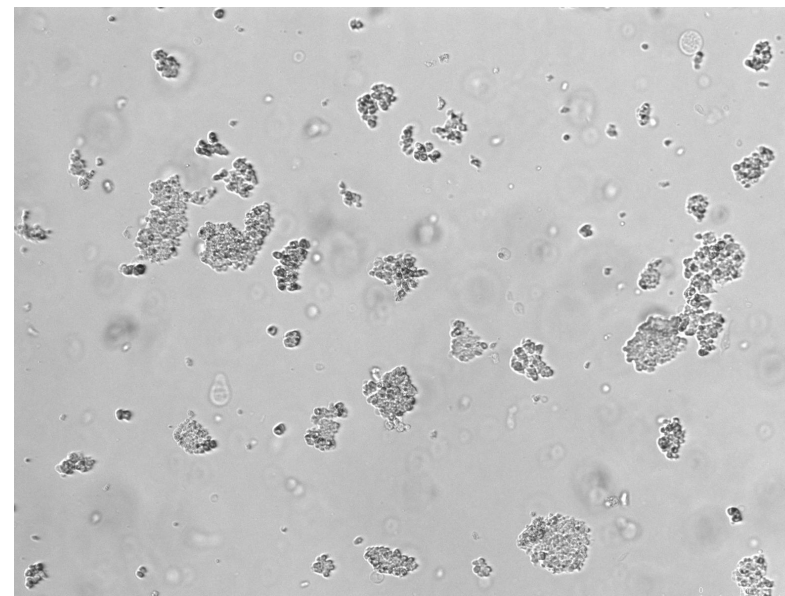
Comparison of Spheroid Formation Ability of Endometrial Organoids Cryopreserved for Different Days

Thawed after 60-day cryopreservation

D0



CS-OG-D1



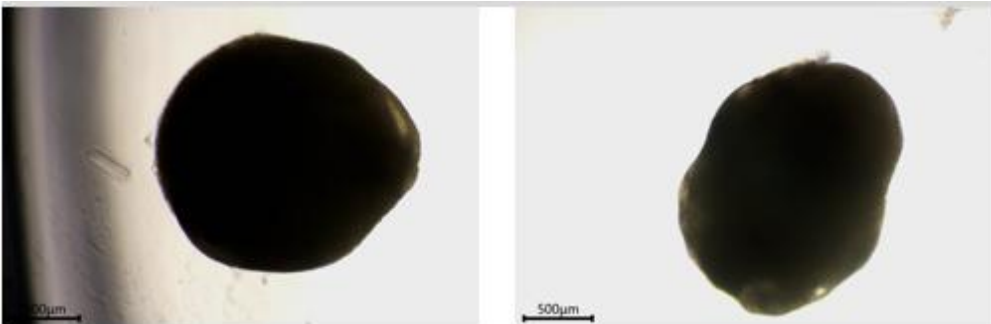
Brand X

Comparison of spheroid formation ability of endometrial organoids after thaw and re-culture following different cryopreservation periods. The cryopreservation effect of the CellStore group was significantly better than that of the control group.

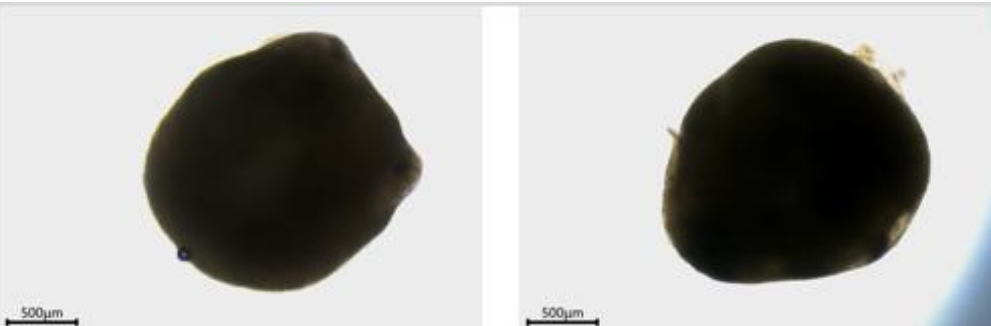


Product Name: Organoid Cryopreservation Medium
Cat.: CS-OG-D1
Cell Type: Cardiac organoids

CS-OG-D1



CS10



Heartbeat count: beats/min

Brand	Group	Pre- cryopreservation	Post- thaw
CS-OG-D1	1	18	30
	2	13	21
CS10	1	16	0
	2	39	5

CS-OG-D1 effectively maintains the spontaneous beating activity of cardiac organoids after cryopreservation and thawing, showing significant advantages over the control group