

Overview of our PromoCell cancer cell media portfolio and their applications

Product specification		Primary Cancer Culture System D-ACF	3D Tumorsphere Medium XF	Cancer Cell Line Medium XF
	Main application	Primary cancer cell isolation maintenance of heterogeneity	Extended 3D tumorsphere culture of cancer cell lines/enrichment of CSCs	Adherent long-term expansion of cancer cell lines
	Culture pattern	2D/3D	3D	2D
	Formulation	Defined formulation, animal-component free	Serum-free, xeno-free	Serum-free, xeno-free
	Additional supplementation required	No	No	No
	Plasticware	TC-treated	Suspension Culture	TC-treated
	Culture surface treatment required	NCCD-Reagent (incl.)	No	Human fibronectin or vitronectin
Product application	Selective isolation of malignant cells from primary tumors	✓	-	-
	Selective isolation of malignant cells from PDX	✓	-	-
	Limited stroma support	✓	-	-
	Prevention of stroma overgrowth	✓	-	-
	Enrichment of malignant cells from established cultures	✓	-	-
	Depletion of non-cancerous cells from established cultures	✓	-	-
	Serial 3D tumorsphere culture of established cancer cell lines	-	✓	-
	Serial 3D mammosphere culture of established cancer cell lines	-	✓	-
	Serial 3D neurosphere culture of established cancer cell lines	-	✓	-
	Mammosphere culture (primary mammary stem cells)	-	✓	-
	Neurosphere culture (primary neural stem cells)	-	✓	-
	Adherent culture of established cancer cell lines	-	-	✓
	Establish cell lines from primary cancer cells isolated with PCCS	-	✓	✓