

Other species and cell types compatible with PromoCell's Cancer Media Toolbox

PromoCell®



Contents

3D Tumorsphere Medium XF _____03

Cancer Cell Line Medium XF _____07

Primary Cancer Culture System _____07

3D Tumorsphere Medium XF (+ modifications) / formerly CSC Medium

Cell Type Used	Reference
Human colorectal cancer biopsies	Puglisi et al.; Cancers. 2020 Dec 7; 12(12): 3672
Human chordoma tissues	Long et al.; Front Oncol. 2021 Nov 15; 11:659662
HCT116 (human colon cancer cell line)	Ndreshkjana et al.; Cell Death Dis. 2019 May 16; 10(6): 379
HT29 (human colon cancer cell line)	Ndreshkjana et al.; Cell Death Dis. 2019 May 16; 10(6): 379 Zieger et al.; Micromachines. 2024 Jan 31; 15(2): 231
Cancer Stem Cells prepared from NCI-H23 cells (human lung cancer cell line; ATCC CRL-5800)	Mano et al.; Theranostics. 2017 Oct 17; 7(19): 4658–4670
LNCaP (human prostate cancer cell line; ATCC CRL-1740)	Hoy et al.; Sci Rep. 2017 Jun 8; 7(1): 3058 Jaiswal et al.; Sci Rep. 2018 May 10; 8(1): 7459
22Rv1 (human prostate cancer cell line; ATCC CRL-2505)	Hoy et al.; Sci Rep. 2017 Jun 8; 7(1): 3058 Martinez et al.; Int J Mol Sci. 2023 Apr 12; 24(8): 7130
C4-2B (human prostate cancer cell line; ATCC CRL-3315)	Hoy et al.; Sci Rep. 2017 Jun 8; 7(1): 3058 Jaiswal et al.; Sci Rep. 2018 May 10; 8(1): 7459
NCI-N87 (human gastric cancer cell line; ATCC CRL-5822)	Wang et al.; Theranostics. 2019 Oct 14; 9(25): 7628–7647 Jin et al.; Int J Biol Sci. 2024 Jan 27; 20(4): 1314–1331
SGC-7901 (human gastric cancer cell line)	Wang et al.; Theranostics. 2019 Oct 14; 9(25): 7628–7647 Jin et al.; Int J Biol Sci. 2024 Jan 27; 20(4): 1314–1331
MGC-803 (human gastric cancer cell line)	Wang et al.; Theranostics. 2019 Oct 14; 9(25): 7628–7647
OVCAR3 (human ovary cancer cell line)	Diaz Osterman et al.; Elife. 2019 Sep 3; 8: e47327
RD (multinucleated, spindle-shaped human muscle cell line; ATCC CCL-136)	Shinji et al.; Biosci Biotechnol Biochem. 2020 Jan; 84(1): 63–75
HT-1376 (human urinary bladder cancer cell line; ATCC CRL-1472)	Kallifatidis et al.; Mol Cancer Ther. 2019 Apr; 18(4): 801–811 Mamouni et al.; Cancers. 2021 Apr 10; 13(8): 1809
5637 (human urinary bladder cancer cell line)	Kallifatidis et al.; Mol Cancer Ther. 2019 Apr; 18(4): 801–811 Mamouni et al.; Cancers. 2021 Apr 10; 13(8): 1809
T-47D (human breast cancer cell line)	Gomes et al.; Oncotarget. 2020 May 12; 11(19): 1714–1728

Cell Type Used	Reference
MCF-7 (human breast cancer cell line)	Gomes et al.; Oncotarget. 2020 May 12; 11(19): 1714–1728
	Dornhof et al.; Lab Chip. 2022 Nov 8; 22(22): 4369–4381
	Halim et al.; Oncotarget. 2024 Aug 26; 15: 591–606
	Zieger et al.; Micromachines. 2024 Jan 31; 15(2): 231
Breast cancer stem cells isolated from MCF-7	Sevimli et al.; Biol Trace Elem Res. 2025 Mar; 203(3): 1465–1474
MDA-MB-231 (human breast cancer cell line)	Halim et al.; Oncotarget. 2024 Aug 26; 15: 591–606
	Abad et al.; FEBS J. 2021 Apr; 288(7): 2184–2202
BT-549 (human breast cancer cell line)	Abad et al.; FEBS J. 2021 Apr; 288(7): 2184–2202
A431 (human epidermal cancer cell line; ATCC CRL-1555)	Al-Tamimi et al.; Biomed Pharmacother. 2022 Dec; 156: 113950
A388 (human epidermal cancer cell line; ATCC CRL-7905)	Al-Tamimi et al.; Biomed Pharmacother. 2022 Dec; 156: 113950
	Patil et al.; Front Biosci. 2024 Jan 23; 29(1): 40
JHU029 (human head and neck squamous cancer cell line)	Garcia-Mayea et al.; Carciogenesis. 2019 Dec 31; 40(12): 1525–1534
	Mir et al.; Cancers. 2021 Oct 1; 13(19): 4952
FaDu (human pharynx squamous cancer cell line)	Garcia-Mayea et al.; Carciogenesis. 2019 Dec 31; 40(12): 1525–1534
	Mir et al.; Cancers. 2021 Oct 1; 13(19): 4952
Detroit 562 (human pharynx cancer cell line; ATCC CCL-138)	Garcia-Mayea et al.; Carciogenesis. 2019 Dec 31; 40(12): 1525–1534
	Mir et al.; Cancers. 2021 Oct 1; 13(19): 4952
SCC-25 (human tongue squamous cancer cell line; ATCC CRL-1628)	Garcia-Mayea et al.; Carciogenesis. 2019 Dec 31; 40(12): 1525–1534
	Mir et al.; Cancers. 2021 Oct 1; 13(19): 4952
A549 (human lung cancer cell line; ATCC CCL-185)	Berg et al.; Cancers. 2022 Feb 14; 14(4): 949
	Cai et al.; Theranostics. 2022 Oct 3; 12(16): 7051–7066
	Sevimli et al.; Biol Trace Elem Res. 2024 Sep; 202(9): 3980–3987
HCC827 (human lung cancer cell line; ATCC CRL-2868)	Cai et al.; Theranostics. 2022 Oct 3; 12(16): 7051–7066
Sa3 (human oral squamous cancer cell line)	Kawasaki et al.; Pathol Oncol Res. 2022 Aug 19; 28: 1610450
	Kawasaki et al.; Oncol Lett. 2023 Mar 13; 25(4): 171
HSC2 (human oral squamous cancer cell line)	Kawasaki et al.; Pathol Oncol Res. 2022 Aug 19; 28: 1610450
	Kawasaki et al.; Oncol Lett. 2023 Mar 13; 25(4): 171

Cell Type Used	Reference
HSC4 (human oral squamous cancer cell line)	Kawasaki et al.; Pathol Oncol Res. 2022 Aug 19; 28: 1610450
	Kawasaki et al.; Oncol Lett. 2023 Mar 13; 25(4): 171
HO-1-u-1 (human oral squamous cancer cell line)	Kawasaki et al.; Pathol Oncol Res. 2022 Aug 19; 28: 1610450
T98G (human brain cancer cell line; ATCC CRL-1690)	Berg et al.; Cancers. 2022 Feb 14; 14(4): 949
DU 145 (human prostate cancer cell line)	Berg et al.; Cancers. 2022 Feb 14; 14(4): 949
	Martinez et al.; Int J Mol Sci. 2023 Apr 12; 24(8): 7130
HepG2 (human liver cancer cell line)	Berg et al.; Cancers. 2022 Feb 14; 14(4): 949
J82 (human bladder cancer cell line)	Berg et al.; Cancers. 2022 Feb 14; 14(4): 949
LS 174T (human colon cancer cell line; ATCC CL-188)	Berg et al.; Cancers. 2022 Feb 14; 14(4): 949
Panc-1 (human pancreatic cancer cell line; ATCC CRL-1469)	Berg et al.; Cancers. 2022 Feb 14; 14(4): 949
	Iwata et al.; J Biol Chem. 2024 Mar; 300(3): 105742
SK-OV-3 (human ovary cancer cell line)	Berg et al.; Cancers. 2022 Feb 14; 14(4): 949
B-CPAP (human thyroid cancer cell line)	Khan et al.; Molecules. 2020 Mar 9; 25(5): 1229
TPC-1 (human thyroid cancer cell line)	Khan et al.; Molecules. 2020 Mar 9; 25(5): 1229
TE-11 (human esophageal squamous cancer cell line)	Kawazoe et al.; Mol Cancer Res. 2020 Dec; 18(12): 1876–1888
D425 (human medulloblastoma cell line)	Chen et al.; Sci Rep. 2021 Mar 22; 11(1): 6517
	Pan et al.; Cancer Biol Ther. 2021 Sep 2; 22(7–9): 430–439
D283 (human medulloblastoma cell line)	Chen et al.; Sci Rep. 2021 Mar 22; 11(1): 6517
	Pan et al.; Cancer Biol Ther. 2021 Sep 2; 22(7–9): 430–439
A2780 (human ovarian cancer cell line)	Alblihy et al.; NPJ Precis Oncol. 2022 Jul 19; 6(1): 51
HeLa (human cervical cancer cell line)	Alblihy et al.; NPJ Precis Oncol. 2022 Jul 19; 6(1): 51
	Alblihy et al.; Int J Mol Sci. 2023 Jun 30; 24(13): 10966
JCRB9072 (human embryonal rhabdomyosarcoma cell line)	Nohira et al.; Biomedicines. 2022 Oct 25; 10(11): 2691
HH (human T-cell lymphoma cell line; ATCC CRL-2105)	Khan et al.; Cell Prolif. 2024 Sep; 57(9): e13701

Cell Type Used	Reference
H9 (human T-cell lymphoma cell line)	Khan et al.; Cell Prolif. 2024 Sep; 57(9): e13701
MIA PaCa-2 (human pancreatic cancer cell line; ATCC CRL-1420)	Khan et al.; Adv Radiat Oncol. 2022 Nov 9; 8(1): 101122
	Khan et al.; Mol Cancer Ther. 2023 Dec 1; 22(12): 1422-1433
KLM-1 (human pancreatic cancer cell line)	Yamaguchi et al.; Cancer Med. 2024 Jun; 13(11): e7395
NCI-H358 (human lung cancer cell line; ATCC CRL-5807)	Khan et al.; Mol Cancer Ther. 2023 Dec 1; 22(12): 1422-1433
CFPAC-1 (human pancreatic cancer cell line; ATCC CRL-1918)	Xu et al.; Adv Sci. 2024 Feb; 11(6): e2308537
SUIT-2 (human pancreatic cancer cell line)	Xu et al.; Adv Sci. 2024 Feb; 11(6): e2308537
PaTu8988S (human pancreatic cancer cell line)	Xu et al.; Adv Sci. 2024 Feb; 11(6): e2308537
BxPC-3 (human pancreatic cancer cell line; ATCC CRL-1687)	Xu et al.; Adv Sci. 2024 Feb; 11(6): e2308537
	Iwata et al.; J Biol Chem. 2024 Mar; 300(3): 105742
PC-3 (human prostate cancer cell line; ATCC CRL-1435)	Martinez et al.; Int J Mol Sci. 2023 Apr 12; 24(8): 7130
PE01 (human ovary cancer cell line)	Alblihy et al.; Int J Mol Sci. 2023 Jun 30; 24(13): 10966
PE04 (human ovary cancer cell line)	Alblihy et al.; Int J Mol Sci. 2023 Jun 30; 24(13): 10966
ID8 (spontaneously immortalized murine ovarian epithelial cell line)	Diaz Osterman et al.; Elife. 2019 Sep 3; 8: e47327
KMF (murine ovarian cancer cell line)	Diaz Osterman et al.; Elife. 2019 Sep 3; 8: e47327
4T1 (murine breast cancer-like cell line, ATCC CRL-2539)	Ogino et al.; Elife. 2021 Apr 23; 10: e66155
Murine p53-KOT cells from a tumor generated in a p53-KO mouse	Tsujioka et al.; Cell Death Dis. 2023 Apr 8; 14(4): 256

Cancer Cell Line Medium XF (+ modifications)

Cell Type Used	Reference
KPC-derived murine tumor cells	Uddin et al.; Clin Transl Med. 2023 Dec; 13(12): e1513.

Primary Cancer Culture System (+ modifications)

Cell Type Used	Reference
Primary tumor cells from mice with subcutaneously implanted HCC827 cells	Shen et al.; Oncogene. 2020 Dec; 39(49): 7181-7195.
Human tumor tissue from nephrectomy	Lee et al.; Cancer Res Commun. 2023 Jul 18; 3(7): 1260-1276.

Notes: Please refer to the relevant publication for exact modifications.

Contact us:

Do you need help finding the right media from our Cancer Media Toolbox for your cancer application? Get in touch with our experts at scientific.support@promocell.com

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