

Other species and cell types compatible with PromoCell media

Keratinocyte Growth Medium 2 (+modifications)
Melanocyte Growth Medium (+modifications)
Melanocyte Growth Medium M3 (+modifications)



Table of content

Keratinocyte Growth Medium 2 (+ modifications): C-20011, C-20111	03
Melanocyte Growth Medium (+ modifications): C-24010, C-24110	06
Melanocyte Growth Medium M3 (+ modifications): C-24310, C-24311	07
Discover more	07
Contact us	07

Keratinocyte Growth Medium 2 (+ modifications): C-20011, C-20111

Cell type used	Reference
Biopsies taken from acne-related inflammatory skin lesions	Zuliani et al.; Exp Dermatol. 2011 Oct; 20(10): 850–853
Primary human corneal epithelial cells (corneal keratinocytes)	Schulz et al.; Differentiation. 2013 Apr-Jun; 85(4–5): 161–172
	Moers et al.; Exp Cell Res. 2013 Jul 15; 319(12): 1889–1901
	Titone et al.; FASEB J. 2020 Jan; 34(1): 754–775
Primary human keratinocytes from epidermal stem cells of the hair follicle of anagen head hairs	Zeitvogel et al.; J Biol Chem. 2012 Mar 23; 287(13): 9923–9930
Primary human keratinocytes derived from the outer root sheath of the hair follicle	Wang et al.; Exp Dermatol. 2011 Aug; 20(8): 637–641
Primary human oral epithelial cells from gingival tissue	Kraus et al.; PLoS One. 2012; 7(2): e30716
	Zingler et al.; Oral Surg Oral Med Oral Pathol Oral Radiol. 2013 Aug; 116(2): 159–168
	Dommisch et al.; Clin Oral Investig. 2015 Mar; 19(2): 209–220
Human keratinocytes from tongue noncancerous disease patients	Huang et al.; J Cell Mol Med. 2018 Aug; 22(8): 3899–3910
Primary human pancreatic duct epithelial cells	Müller et al.; Cell Death Differ. 2023 Feb; 30(2): 442–456
Primary human urothelial cells	Burns et al.; Cancer Sci. 2021 Sep; 112(9): 3822–3834
Primary reconstructed human conjunctival epithelial models (3D)	Schwebler et al.; Sci Rep. 2023 Jul 28; 13(1): 12261
Primary human gingival keratinocytes	Eggers et al.; Biomedicines. 2022 Apr 13; 10(4): 889
	Eggers et al.; Cells. 2022 Sep 2; 11(17): 2740
	Schminke et al.; Biomedicines. 2023 Feb 24; 11(3): 700
Primary rat keratinocytes	Kise et al.; Sci Rep. 2023 Oct 28; 13(1): 18528
	Iwai et al.; Biomolecules. 2023 Nov 19; 13(11): 1666
Primary oral mucosal epithelial cells from rat	Guo et al.; Contrast Media Mol Imaging. 2022 Aug 16; 2022: 9794950
Primary chicken keratinocytes and fibroblasts	Lachner et al.; J Invest Dermatol. 2021 Dec; 141(12): 2829–2837
Primary murine keratinocytes	Schmidt et al.; Free Radic Biol Med. 2020 Dec; 161: 32–49
	Kitazawa et al.; Commun Biol. 2021 Jan 25; 4(1): 114
	Magnotti et al.; J Invest Dermatol. 2021 Jan; 141(1): 236–238
	Christmann et al.; Front Immunol. 2021 Feb 12; 11: 599947

Cell type used	Reference
Primary murine keratinocytes	Assabban et al.; JCI Insight. 2021 Mar 8; 6(5): e140669
	Surbek et al.; J Dev Biol. 2023 Mar 10; 11(1): 12
	Chen et al.; Research. 2023 Jun 8; 6: 0167
Primary murine epidermal stem cells	Yang et al.; Acta Biochim Biophys Sin. 2023 Jul 3; 55(8): 1265-1274
Primary oral mucosal epithelial cells from rabbit	Duan et al.; Regen Med. 2019 Jan; 14(1): 49–62
HPV-positive PeCa (human penile carcinoma cell line)	Mohr et al.; Front Oncol. 2022 Oct 11; 12: 891511
Immortalized human gingival keratinocytes	Gübeli et al.; Acta Biomater. 2013 Sep; 9(9): 8272–8278
	Schulz et al.; Dent Mater. 2015 Nov; 31(11): 1321–1334
	Jedrusik et al.; Adv Healthc Mater. 2018 May; 7(10): e1700895
	Elsayed et al.; Molecules. 2019 Mar 5; 24(5): 909
	Elsayed et al.; Molecules. 2019 Sep 16; 24(18): 3371
	Menima-Medzogo et al.; Biology. 2022 Apr 30; 11(5): 696
	Wang et al.; Int J Mol Sci. 2021 Sep 10; 22(18): 9774
Telomerase-immortalized normal human urothelial cells	Lombardi et al.; Oncotarget. 2017 Oct 25; 8(61): 102898-1002911
	Garczyk et al.; PLoS One. 2018 Aug 23; 13(8): e0202965
OKF6 (immortalized human oral keratinocyte cell line)	Hoppe et al.; J Cell Physiol. 2019 Dec; 234(12): 21903–21914
	Diemer et al.; J Mater Sci Mater Med. 2021 Jan 20; 32(1): 4
	Medapati et al.; Int J Mol Sci. 2021 Sep 14; 22(18): 9920
	Singh et al.; Cells. 2024 Mar 17; 13(6): 531
TERT-B (immortalized normal ureter cells)	Sarker et al.; Open Biol.; 2017 Aug; 7(8): 170080
NHEK/SVTERT3–5 (immortalized human epidermal keratinocyte cell line)	Beck et al.; EMBO J. 2021 Nov 15; 40(22): e108234
PSVK1 (immortalized human epidermal keratinocyte cell line)	Kitazawa et al.; Commun Biol. 2021 Jan 25; 4(1): 114
Immortalized human corneal keratinocyte cell line	Eberwein et al.; Eur J Cell Biol. 2011 Dec; 90(12): 1029–1040
	Schulz et al.; Differentiation. 2013 Apr-Jun; 85(4–5): 161–172
hTCEpi (hTERT-immortalized human corneal epithelial cell line)	Coulon et al.; Front Immunol. 2019 Jul 16; 10: 1631
	Masterton and Ahearne; Biores Open Access. 2019 Jun 5; 8(1): 74–83

Cell type used	Reference
hTCEpi (hTERT-immortalized human corneal epithelial cell line)	Masterton and Ahearne; R Soc Open Sci. 2019 Dec 4; 6(12): 191796
	Titone and Robertson; FASEB J. 2020 Jan; 34(1): 754–775
	Stuard et al.; FASEB J. 2022 Jan; 36(1): e22062
	Sambhariya et al.; J Biol Chem. 2023 Nov; 299(11): 105239
	Monfort-Lanzas et al.; BMC Genomics. 2024 Jun 12; 25(1): 594
hTERT-immortalized human conjunctival cell line	Stuard et al.; FASEB J. 2022 Jan; 36(1): e22062
	Titone and Robertson; FASEB J. 2020 Jan; 34(1): 754–775
N/TERT2G (immortalized human keratinocyte cell line)	Moran et al.; JID Innov. 2022 Nov; 2(6): 100151
HaCaT (spontaneously transformed keratinocytes from histologically normal skin)	Tukaj et al.; PLoS One. 2013 Jul 30; 8(7): e70496
	Hofrichter et al.; Front Immunol. 2018 Sep 3; 9: 1935
	Burmester et al.; Br J Pharmacol. 2020 Nov; 177(22): 5114–5130
	Zillikens et al.; Front Med. 2021 Sep 7; 8: 713312
	Gauthier et al.; Biomed Pharmacother. 2024 Jun; 175: 116707
	Tegtmeyer et al.; Exp Dermatol. 2024 Jul; 33(7): e15125
Ker-CT (hTERT-immortalized human keratinocyte cell line; ATCC CRL-4048)	Beckert et al.; Int J Mol Sci. 2019 Jun 26; 20(13): 3113
	Zuniga et al.; Bioengineering. 2022 Oct 15; 9(10): 559
	Brandmair et al.; Toxicology. 2024 Mar; 503: 153743
	Zuniga et al.; Int J Mol Sci. 2024 May 3; 25(9): 4992
BAR-T (immortalized human esophageal epithelial cell line)	Korbut et al.; Int J Mol Sci. 2022 Mar 18; 23(6): 3312
RDEB-TA4 (dystrophic epidermolysis bullosa keratinocytes)	Zhou et al.; J Control Release. 2016 Dec 28; 244(Pt B): 336–346
Ki-PeCa-L1 and Ki-PeCa-P1 (cell line established from penile squamous cell carcinoma and its lymph node metastasis)	Naumann et al.; J Urol. 2012 Jun; 187(6): 2236–2242
LUCC6 (human bladder cancer cell lines)	De Faveri et al.; Br J Cancer. 2013 Apr 2; 108(6): 1368–1377
LUCC8 (human bladder cancer cell lines)	De Faveri et al.; Br J Cancer. 2013 Apr 2; 108(6): 1368–1377
	Hurst et al.; Cancer Cell. 2017 Nov 13; 32(5): 701–715.e7

Cell type used	Reference
Human hTERT-immortalized urothelial cells	Di Martino et al.; Sci Rep. 2019 Apr 5; 9(1): 5740
HuLa-PC (human epithelial-like cell line derived from the larynx; ATCC CRL-3342)	Hoes et al.; iScience. 2023 Nov 23; 26(12): 108564

Melanocyte Growth Medium (+ modifications): C-24010, C-24110

Cell type used	Reference
Primary human adult Schwann cells	Haastert et al.; Nat Protoc. 2007; 2(1): 99-104
	Gryshkov et al.; Int J Mol Sci. 2021 Oct 21; 22(21): 11373
Primary human choroidal melanocytes	Djirackor et al.; Invest Ophthalmol Vis Sci. 2019 Jun 3; 60(7): 2696-2704
Human hair follicle-derived melanocyte stem cells	Zhou et al.; Sci Rep. 2019 Mar 26; 9(1): 5198
Primary murine melanocytes	Jux et al.; J Invest Dermatol. 2011 Jan; 131(1): 203-210
	Abbas et al.; Chem Res Toxicol. 2017 Feb 20; 30(2): 625-634
	Wilms et al.; Oncotarget. 2017 Jun 27; 8(40): 67287-67299
	Crawford et al.; Mol Biol Cell. 2020 Apr 1; 31(8): 768-781
	Kabirova et al.; Nat Commun. 2024 May 28; 15(1): 4521
Primary murine Schwann cells from sciatic nerve	Walko et al.; Glia. 2013 Aug; 61(8): 1274-1287
Primary alpaca melanocytes	Liu et al.; BMC Genomics. 2019 Dec 10; 20(1): 962
Primary rat adult Schwann cells from sciatic and median nerves or dorsal root ganglia	Haastert et al.; Nat Protoc. 2007; 2(1): 99-104
	Kraus et al.; J Neurotrauma. 2010 Jan; 27(1): 197-203
	Zhao et al.; Neural Regen Res. 2014 Nov 15; 9(22): 1961-1967
	Kornfeld et al.; J Funct Biomater. 2016 Nov 30; 7(4): 30
	Tomko et al.; Exp Ther Med. 2019 Jan; 17(1): 596-602

Cell type used	Reference
Primary adult canine Schwann cells from sciatic nerve	Schmitte et al.; J Neurosci Methods. 2010 Feb 15; 186(2): 202-208
M13 (human melanoma cell line)	Pich et al.; Cancer Res. 2018 Nov 15; 78(22): 6447-6461

Melanocyte Growth Medium M3 (+ modifications): C-24310, C-24311

Cell type used	Reference
Primary human pigmented hair follicle melanocytes	Commo et al.; Pigment Cell Res. 2004 Oct; 17(5): 488-497
	Michelet et al.; Exp Dermatol. 2008 Oct; 17(10): 821-828
	Dieckmann et al.; Exp Dermatol. 2010 Jun; 19(6): 543-545
Adult normal human choroidal melanocytes (from donor eyes) epithelial cells	Valtink and Engelmann; Graefes Arch Clin Exp Ophthalmol. 2007 Oct; 245(10): 1487-1494

Please refer to the relevant publication for exact modifications.

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