

Alternative Product Guide

Primary Human Cell Media: Lonza® – PromoCell

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Lonza® Cat. No./ Product description		PromoCell Cat. No./ Product description		Additional Comments
CC-3107	Keratinocyte Growth Medium-2	C-20011*/ C-20111#	Keratinocyte Growth Medium 2	PromoCell medium w/o antibiotics
CC-3108	Keratinocyte Growth Medium-2 w/o Ca ²⁺	C-20011*/ C-20111#	Keratinocyte Growth Medium 2	PromoCell medium w/o antibiotics calcium packed separately
CC-3118	Human Small Airway Growth Medium	C-21070*/ C-21170#	Small Airway Epithelial Cell Growth Medium	PromoCell medium w/o antibiotics
CC-3124	Endothelial Cell Growth Medium	C-22010*/ C-22110#	Endothelial Cell Growth Medium	PromoCell medium with additional bFGF, w/o antibiotics; Lonza® medium with additional ascorbic acid
CC-3125	Microvascular Endothelial Cell Growth Medium	C-22020*/ C-22120#	Endothelial Cell Growth Medium MV	PromoCell medium w/o antibiotics
CC-3130	Fibroblast Growth Medium	C-23010*/ C-23110#	Fibroblast Growth Medium	PromoCell medium w/o antibiotics
CC-3132	Fibroblast Growth Medium	C-23020*/ C-23120#	Fibroblast Growth Medium 2	PromoCell medium w/o antibiotics
CC-3150	Mammary Epithelial Cell Growth Medium	C-21010*/ C-21110#	Mammary Epithelial Cell Growth Medium	PromoCell medium w/o antibiotics
CC-3160	Skeletal Muscle Cell Growth Medium	C-23060*/ C-23160#	Skeletal Muscle Cell Growth Medium	PromoCell medium w/o antibiotics, PromoCell Growth Medium with 5% FCS, Lonza® with BSA instead; PromoCell also supplies a ready-to-use Differentiation Medium
		C-23061*	Skeletal Muscle Cell Differentiation Medium	
CC-3162	Endothelial Cell Growth Medium-2	C-22011* / C-22111#	Endothelial Cell Growth Medium 2	PromoCell medium w/o antibiotics
CC-3170	Bronchial Epithelial Cell Growth Medium	C-21060* / C-21160#	Airway Epithelial Cell Growth Medium	PromoCell medium w/o antibiotics
CC-3182	Smooth Muscle Cell Growth Medium-2	C-22062*/ C-22162#	Smooth Muscle Cell Growth Medium 2	PromoCell medium w/o antibiotics
CC-3190	Renal Epithelial Cell Growth Medium	C-26030*/ C-26130#	Renal Epithelial Cell Growth Medium 2	PromoCell media w/o antibiotics; PromoCell medium: 5% FCS, Lonza® medium: 0.5% FCS
CC-3202	Microvascular Endothelial Cell Growth Medium-2	C-22022*/ C-22121#	Endothelial Cell Growth Medium MV2	PromoCell medium w/o antibiotics

* Medium ready-to-use / # Medium Kit

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CC-3207	Osteoblast Growth Medium	C-27001*	Osteoblast Growth Medium	PromoCell medium w/o antibiotics
CC-3211	Lymphocyte Growth Medium-3	C-28053 C-28054 C-28050* C-28052* C-28055*/ C-28056*	DC Base Medium DC Base Medium DXF DC Generation Medium DC Gen. Medium DXF M1-/M2-Macrophage Generation Medium DXF	For DC generation, all media must be supplemented with appropriate cytokines (IL-4, GM-CSF). Ready-to-use DC Generation Media and Macrophage Generation Media available from PromoCell.
CC-3216	Chondrocyte Growth Medium	C-27101*	Chondrocyte Growth Medium	PromoCell medium with 10% serum; Lonza® with 5% serum + growth factors
CC-3249	Melanocyte Growth Medium-4	C-24010* / C-24110# C-24300*	Melanocyte Growth Medium Melanocyte Growth Medium M2	PromoCell media w/o antibiotics and serum-free; M2 medium additionally PMA-free. Lonza® medium: 0.5% FCS and with PMA.
CC-4194	Osteoblast Growth Medium Differentiation Supplements & Growth Factors	C-27020*	Osteoblast Mineralization Medium	PromoCell medium is a complete media system (100 ml basal medium + supplements) but w/o antibiotics
CC-4526	Cardiac Fibroblast Growth Media	C-23025*/ C-23130#	Fibroblast Growth Medium 3	PromoCell medium w/o antibiotics
PT-3001	Mesenchymal Stem Cell Growth Medium	C-28009*	Mesenchymal Stem Cell Growth Medium 2	Lonza® medium with 10% FBS; PromoCell medium serum-reduced (2% FBS) PromoCell medium w/o antibiotics
PT-3002	Mesenchymal Stem Cell Osteogenic Differentiation	C-28013*	Mesenchymal Stem Cell Osteogenic Differentiation Medium	PromoCell medium w/o antibiotics; PromoCell: 90 ml medium + 10 ml Supplements; Lonza®: 170 ml medium + 30 ml Supplements
PT-3003	Mesenchymal Stem Cell Chondrogenic Differentiation (TGF-β sold separately)	C-28012* C-28014*	Mesenchymal Stem Cell Chondrogenic Differentiation Medium Mesenchymal Stem Cell Chondrogenic Differentiation Medium w/o Inducers	PromoCell medium w/o antibiotics; PromoCell: 90 ml medium + 10 ml Supplements; Lonza®: 170 ml medium + 30 ml Supplements, TGF-β required
PT-3004	Mesenchymal Stem Cell Adipogenic Differentiation: Adipogenic Induction Medium + Adipogenic Maintenance Medium	C-28016*	Mesenchymal Stem Cell Adipogenic Differentiation Medium 2	PromoCell medium w/o antibiotics; PromoCell: 90 ml medium + 10 ml Supplements; Lonza®: 170 ml medium + 26 ml Supplements
PT-3926	Hematopoietic Progenitor Growth Medium	C-28021 C-39890	Hematopoietic Progenitor Cell Expansion Medium DXF + Cytokine Mix E	Both media defined & xeno-free. PromoCell w/o antibiotics; in combination with Cytokine Mix E = ready to use.

* Medium ready-to-use / # Medium Kit

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PT-4505	Adipose-derived Stem Cells Growth Medium	C-28009*	Mesenchymal Stem Cell Growth Medium 2	PromoCell medium w/o antibiotics and serum-reduced (2% FBS); Lonza® medium with 10% FBS
PT-8002	Preadipocyte Growth Medium-2	C-27410*/ C-27417#	Preadipocyte Growth Medium	PromoCell medium w/o antibiotics; with 5% FCS, Lonza® 10% FCS. PromoCell: 2 separate media available for differentiation
		C-27436*/ C-27437#	Preadipocyte Differentiation Medium	
		C-27438*/ C-27439#	Adipocyte Nutrition Medium	
190632	Mesenchymal Stem Cell Growth Medium-CD	C-28019*	Mesenchymal Stem Cell Growth Medium DXF	Both media serum-free and defined; PromoCell medium also xeno-free

* Medium ready-to-use / # Medium Kit

* **Medium ready-to-use:** consists of a bottle with Basal Medium and one vial with SupplementMix. Adding the SupplementMix to the Basal Medium results in the complete medium.

Medium Kit: consists of a bottle with Basal Medium and a SupplementPack. The SupplementPack is a set of individual vials with pre-measured supplements. Adding all components of the SupplementPack to the Basal Medium results in the complete medium.

Every customer should analyze the above products to determine whether they are suitable for their intended application or use. PromoCell does not represent that the above products are equivalent or that they would achieve identical results or perform in the same manner as the Lonza® product.

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