



Media Compositions

<u>Preadipocyte Medium</u> <u>cat # F-PM-1</u>	<u>Adipocyte Differentiation</u> <u>Medium</u> <u>cat # F-DM-2</u>	<u>Adipocyte Maintenance</u> <u>Medium</u> <u>cat # F-AM-1</u>
DMEM / Ham's F-12 (1:1, v/v) HEPES pH 7.4 Fetal bovine serum Penicillin Streptomycin Amphotericin B	DMEM / Ham's F-12 (1:1, v/v) HEPES pH 7.4 Fetal bovine serum Biotin Pantothenate Human insulin Dexamethasone Isobutylmethylxanthine PPAR γ agonist Penicillin Streptomycin Amphotericin B	DMEM / Ham's F-12 (1:1, v/v) HEPES pH 7.4 Fetal bovine serum Biotin Pantothenate Human insulin Dexamethasone Penicillin Streptomycin Amphotericin B
<u>Adipocyte Basal</u> <u>Medium</u> <u>Cat# F-BM-1</u>	<u>Osteoblast Differentiation Medium</u> <u>Cat# F-OB-1</u>	<u>Chondrocyte Differentiation</u> <u>Medium</u> <u>Cat# F-CM-1</u>
DMEM / Ham's F-12 (1:1, v/v) HEPES pH 7.4 Biotin Pantothenate	DMEM / Ham's F-12 (1:1, v/v) Fetal Bovine serum β -glycerophosphate Ascorbate-2-phosphate Dexamethasone 1,25 (OH) $_2$ Vitamin D $_3$ Penicillin Streptomycin	DMEM-high glucose Fetal bovine serum Transforming growth factor β_1 (TGF- β_1) Ascorbate-2-phosphate Dexamethasone Insulin-transferrin-selenium plus (ITS+) Penicillin Streptomycin

**NOTE: All media except Chondrocyte Medium contains 3.15g/L D-glucose.
Chondrocyte Differentiation Medium contains 4.5g/L D-glucose**

All media are also available as serum-free and/or phenol red free.

Please inquire for custom media requests.

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