

PriGrow Medium Series

Find the Right Medium for Your Cells

Nine PriGrow Media, One Clear Starting Point.

Each PriGrow medium is formulated for distinct cell types and growth requirements. Whether your cells are from **abm**, another supplier, or your own laboratory, use this guide to find a suitable medium based on cell type and culture characteristics.

Match Your Cell Model to a PriGrow Medium

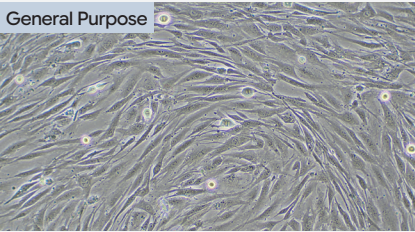
The recommendations below provide a starting point for selection. When transitioning to PriGrow, you may need to optimize serum concentration, passage adaptation, and seeding density for your cell line.



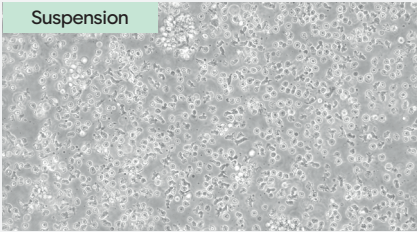
Medium	Common Cell Types	Culture Profile	Example abm Cell Lines*
PriGrow I Cat. TM001	Primary explants and primary mammalian cells — chick embryo fibroblasts, endothelial, cardiac, epithelial, organ/tissue culture	General Purpose	T0456, T0513, T0514
PriGrow II Cat. TM002	Suspension and hematopoietic cells — lymphocytes, T/B cells, PBMCs, hybridomas, leukemia/lymphoma lines, immune assays	Suspension	T1246, T0162, T0525
PriGrow III Cat. TM003	Fast-growing adherent lines — fibroblasts, epithelial-like cells, tumor lines; higher metabolic demand	Fast-Growth	T0993, T0613, T0446
PriGrow IV Cat. TM004	Epithelial and fibroblast lines, primary cells, stem-cell workflows; HEPES-buffered, serum-reduced compatible	HEPES-Buffered	T0604, T0450, T9201
PriGrow V Cat. TM015	Rapidly proliferating, high-density cultures — hematopoietic cells, hybridomas, macrophages, some stem/progenitor workflows	High-Density	T0029, T0172
PriGrow VI Cat. TM016	Primary or slower-growing adherent cells — fibroblasts, endothelial, smooth muscle, MSCs, differentiation-sensitive cultures	Low Glucose	T0640, T0094
PriGrow VII Cat. TM017	Adherent mammalian cells — fibroblasts, epithelial-like cells, tumor cell lines	General Purpose	T1015
PriGrow VIII Cat. TM018	MSCs, osteoblasts, chondrocytes, bone marrow-derived cells, hematopoietic progenitor cultures, hybridomas	MSC / Stromal	T0353, T0422
PriGrow IX Cat. TM019	Hepatocytes, liver-derived epithelial cells, hepatocellular carcinoma lines	Hepatocyte	T0054, T0072, T0078

*Examples are provided for reference and do not represent a complete list of compatible abm cell lines. Refer to the cell line product page or culture instructions for the recommended medium.

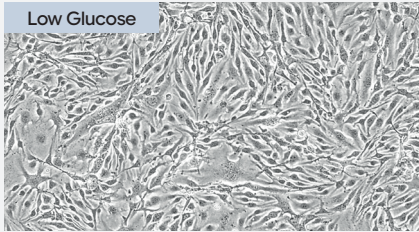
Example Culture Results



Immortalized human mesothelial cells (HPV E6E7) (T0456) cultured in PriGrow I (TM001).



Human B-lymphocytes - EBV (Clone 2) (T1246) cultured in PriGrow II (TM002)



Immortalized mouse lung endothelial cells - PmT (T0094) cultured in PriGrow VI (TM016)

Compare Formulation Features

Compare key formulation components based on your culture requirements.

Medium	L-Glutamine	NaHCO ₃	HEPES	Sodium Pyruvate	Glucose	Phenol Red
PriGrow I	✓	✓	—	✓	✓	✓
PriGrow II	✓	✓	—	—	✓	✓
PriGrow III	✓	✓	—	✓	✓	✓
PriGrow IV	✓	✓	✓	✓	✓	✓
PriGrow V	✓	✓	✓	✓	✓	✓
PriGrow VI	✓	✓	—	✓	Low	✓
PriGrow VII	✓	✓	—	—	✓	✓
PriGrow VIII	✓	✓	—	✓	✓	✓
PriGrow IX	✓	✓	—	✓	✓	✓

Note: FBS is added separately. A concentration of 5–10% is a common starting range and may require optimization for your cell line.

Quick Selection Guide

If you are culturing...	Start with...	Formulation fit
Suspension or immune cells	PriGrow II	Pyruvate-free; formulated for lymphocytes and hybridomas
Cells in CO ₂ -limited or open-bench conditions	PriGrow IV or V	HEPES-buffered
Sensitive or slower-growing primary cells	PriGrow VI	Low-glucose; suited to differentiation-sensitive cultures

Need Help Choosing?

Contact our Cell Biology team at europe@abmgood.com for help choosing the right starting formulation for your cell type and culture conditions.