

gibco



BenchStable media

ThermoFisher
SCIENTIFIC



BenchStable media

Engineered for flexibility and convenience

Save valuable cold storage space in your lab with Gibco™ BenchStable™ media, engineered to provide the flexibility and convenience that comes with room-temperature storage. Available in the most commonly used media formulations—DMEM, DMEM/F-12, MEM, and RPMI 1640—all BenchStable media include Gibco™ GlutaMAX™ Supplement.

BenchStable media are optimized for routine cell culture and maintain the expected morphology and function of many common cell lines (Figure 1). These media are:

- **Stable at room temperature**—no need to refrigerate; ready to use when you need them
- **Flexible**—store them on your lab bench or in the refrigerator
- **Easy to use**—use as a direct replacement for your current medium when completed with 10% FBS
- **Protected from light**—light-protective packaging was designed to mitigate the risk of light exposure (Figure 2); no more wrapping bottles in foil

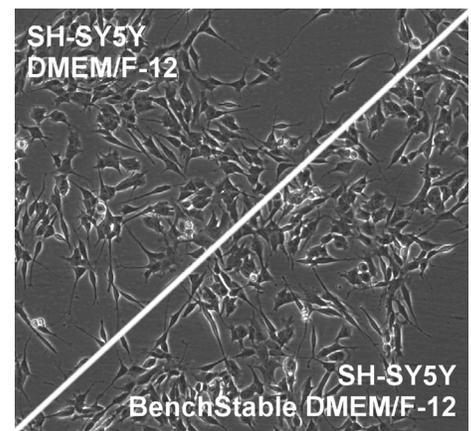
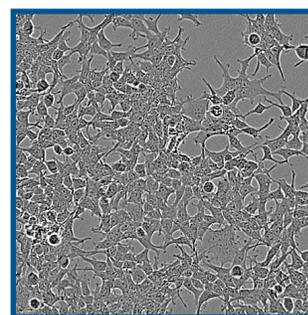
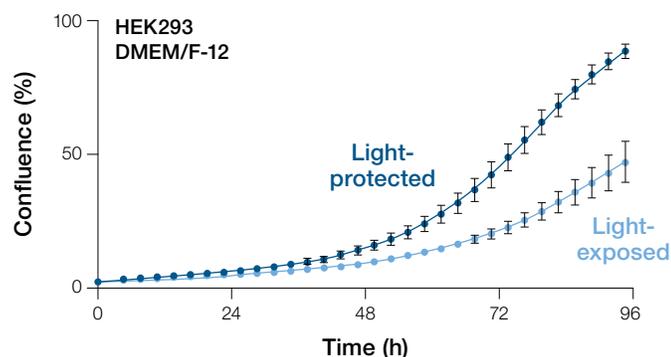
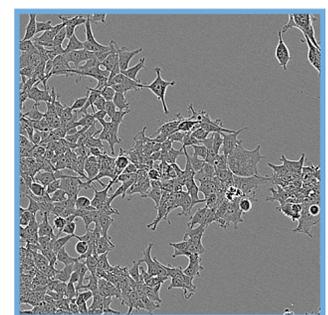


Figure 1. BenchStable media support routine cell culture. SH-SY5Y neuroblastoma cells were cultured in DMEM/F-12 medium, and Gibco™ BenchStable™ DMEM/F-12 Medium supplemented with 10% FBS. SH-SY5Y cells display comparable morphologies after 15 passages.



Light-protected
95 h



Light-exposed
95 h

Figure 2. Light exposure alters media performance. DMEM/F-12 regularly exposed to standard laboratory light was supplemented with 10% FBS and used to culture HEK293 cells over a period of 4 weeks. After 25 days of light exposure, HEK293 growth rates were significantly reduced.



Additional room temperature–stable solutions

Simplify storage and handling in your lab

Extend the life of your cells

GlutaMAX Supplement is an improved cell culture supplement that can be used as a direct substitute for L-glutamine in your cell culture media. It's available in many of your favorite media formulations or as a stand-alone supplement.

L-glutamine spontaneously degrades in cell culture media, generating ammonia and pyrrolidine carboxylic acid as byproducts.

In contrast, GlutaMAX Supplement is a dipeptide, L-alanine-L-glutamine, which is more stable in aqueous solutions and does not spontaneously degrade.

Find out more at thermofisher.com/glutamax



Fast yet gentle cell dissociation

Gibco™ TrypLE™ reagents are highly purified, recombinant, cell-dissociation enzymes that replace porcine trypsin. Ideal for dissociating attachment-dependent cell lines, TrypLE reagents can be directly substituted for trypsin without protocol changes.

The exceptional purity of TrypLE reagents helps increase specificity due to the action of a single enzyme. This helps reduce damage caused by cleavage from enzymes present in some trypsin preparations and in other protease extracts.

Find out more at thermofisher.com/tryple



Ordering information

Product	Size	Cat. No.
BenchStable DMEM, with GlutaMAX Supplement	500 mL	A4192101
	10 x 500 mL	A4192102
BenchStable DMEM/F-12, with GlutaMAX Supplement	500 mL	A4192001
	10 x 500 mL	A4192002
BenchStable MEM, with GlutaMAX Supplement	500 mL	A4192201
	10 x 500 mL	A4192202
BenchStable RPMI 1640, with GlutaMAX Supplement	500 mL	A4192301
	10 x 500 mL	A4192302
GlutaMAX Supplement	100 mL	35050061
	100 mL	12604013
TrypLE Express Enzyme (1X), no phenol red	500 mL	12604021
	20 x 100 mL	12604039
	5 L	12604054
TrypLE Express Enzyme (1X), phenol red	100 mL	12605010
	500 mL	12605028
	20 x 100 mL	12605036
TrypLE Select Enzyme (1X), no phenol red	5 L	12605093
	100 mL	12563011
	500 mL	12563029
TrypLE Select Enzyme (10X), no phenol red	100 mL	A1217701
	500 mL	A1217702
	20 x 100 mL	A1217703

For quick and easy 10% FBS supplementation, try aliquot-free Gibco™ One Shot™ FBS. Find it at thermofisher.com/oneshot



Find out more at thermofisher.com/benchstable