

RF-10M Media
(Greg A. Perry, Ph.D.)

(Used for general cell culture, mitogen and MLC functional assays)

Equipment:

500 ml Media bottle (sterile)

Reagents:

430 ml	RPMI 1640 Base Media (1x)
5 ml	Pen-Strep (10,000 U-μg/ml)
5 ml	L-glutamine (200 mM)
50 ml	Fetal Calf Serum (optimized for mitogenic responses)
0.5 ml	2-Mercaptoethanol (2-ME; 5×10^{-2} M)
10 ml	Hepes Buffer (1 M)

Method:

1. Combine all ingredients.
2. Keep sterile and store refrigerated.