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Human primary T cell culture media V.2

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1 Works for me dx.doi.org/10.17504/protocols.io.7yihpue

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MATERIALS

NAME	CATALOG #	VENDOR
EMD Millipore™ Stericup™ Sterile Vacuum Filter Units	SCGPU05RE	Fisher Scientific
Corning™ RPMI 1640 Medium (Mod.) 1X with L-Glutamine	MT10041CV	Fisher Scientific
HyClone™ HEPES Solution	SH3023701	Fisher Scientific
Fetal Plus®	FP-0500-A	Atlas Biologicals
Penicillin-Streptomycin (10,000 U/mL)	15140122	Thermo Fisher Scientific
Gibco™ Sodium Pyruvate (100mM)	11-360-070	Fisher Scientific
HyClone™ Non Essential Amino Acids NEAA 100x solution	SH3023801	Fisher Scientific

Mix components

1 Mix all in a 500 ml 0.22 um filter bottle in the hood:

2 500 ml RPMI-1640 (Corning™ cellgro™ RPMI 1640 Medium (Mod.) 1X with L-Glutamine)

3 25 ul of EMD Millipore™ Calbiochem™ β-Mercaptoethanol, Molecular Biology Grade (715 uM)

4 12.5 ml of HyClone™ HEPES Solution (25 mM)

5 50 ml of FBS (Fetal Plus®)

6 5 ml of Penicillin-Streptomycin (1%)

7 5 ml of HyClone™ 100mM Sodium Pyruvate Solution (1X)5 ml of HyClone™ Non Essential Amino Acids NEAA 100x solution (1X)

Filter and aliquot

8 Sterile filter (0.22um) and aliquot in 50 ml falcon tubes. Keep the media in the fridge, protect from light.