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Protocol status: Working
 We use this protocol and it's working

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Human primary T cell culture media V.1

In 5 collections

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MATERIALS

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EMD Millipore™ Stericup™ Sterile Vacuum Filter Units Fisher Scientific Catalog #SCGPU05RE

Corning™ RPMI 1640 Medium (Mod.) 1X with L-Glutamine Fisher Scientific Catalog #MT10041CV

HyClone™ HEPES Solution Fisher Scientific Catalog #SH3023701

Fetal Plus® Atlas Biologicals Catalog # FP-0500-A

Penicillin-Streptomycin (10,000 U/mL) Thermo Fisher Scientific Catalog #15140122

Gibco™ Sodium Pyruvate (100mM) Fisher Scientific Catalog #11-360-070

HyClone™ Non Essential Amino Acids NEAA 100x solution Fisher Scientific Catalog #SH3023801

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](#) (50 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.