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## Human primary T cell culture media V.2

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**Protocol status:** Working

**We use this protocol and it's working**

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## Materials

### MATERIALS

- ✕ 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 (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.