

**PRODUCT INFORMATION SHEET:
Renaissance T-Cell Media (REM-T)**

V1.2

PRODUCT DESCRIPTION

Cellaria REM-T Medium is a cell line derivation and maintenance medium specifically formulated for the extended *in vitro* propagation of T-cells derived from blood samples.

ORDERING INFORMATION

<i>PRODUCT NAME</i>	<i>CATALOG NUMBER</i>	<i>COMPONENTS</i>	<i>PART NUMBER</i>	<i>SIZE</i>
Cellaria T-Cell Medium (REM-T)	CM-0301	REM Basal Medium	CM-0001-A1	500 mL
		T-Cell Supplement	CM-0301-P1	15 mL

PRODUCT HANDLING AND DIRECTIONS FOR USE



T-Cell Activation SOP can be viewed and downloaded by scanning the above QR code.

PREPARING CELLARIA T-CELL MEDIUM

REM-T medium contains all the necessary growth factors to activate and expand T cells from PBMC's in combination with the Cloudz™ T Cell Activation Kit. No additional growth factors or cytokines are required.

To prepare REM-T complete medium, please combine the following:

1. 500 mL REM Basal Medium
2. REM-T Supplement (thaw overnight @ 4°C or quickly @ 37°C)
3. 25 mL heat inactivated FBS (Hyclone SH3007103HI or equivalent) for final 5%.
4. 125 µL cholera toxin (100 µg/mL stock solution in cell culture grade water from EMD Millipore 227026-1 mg or equivalent) for final 25 ng/mL.
5. 5 mL Pen/Strep (10,000 U/mL) for final 1%.

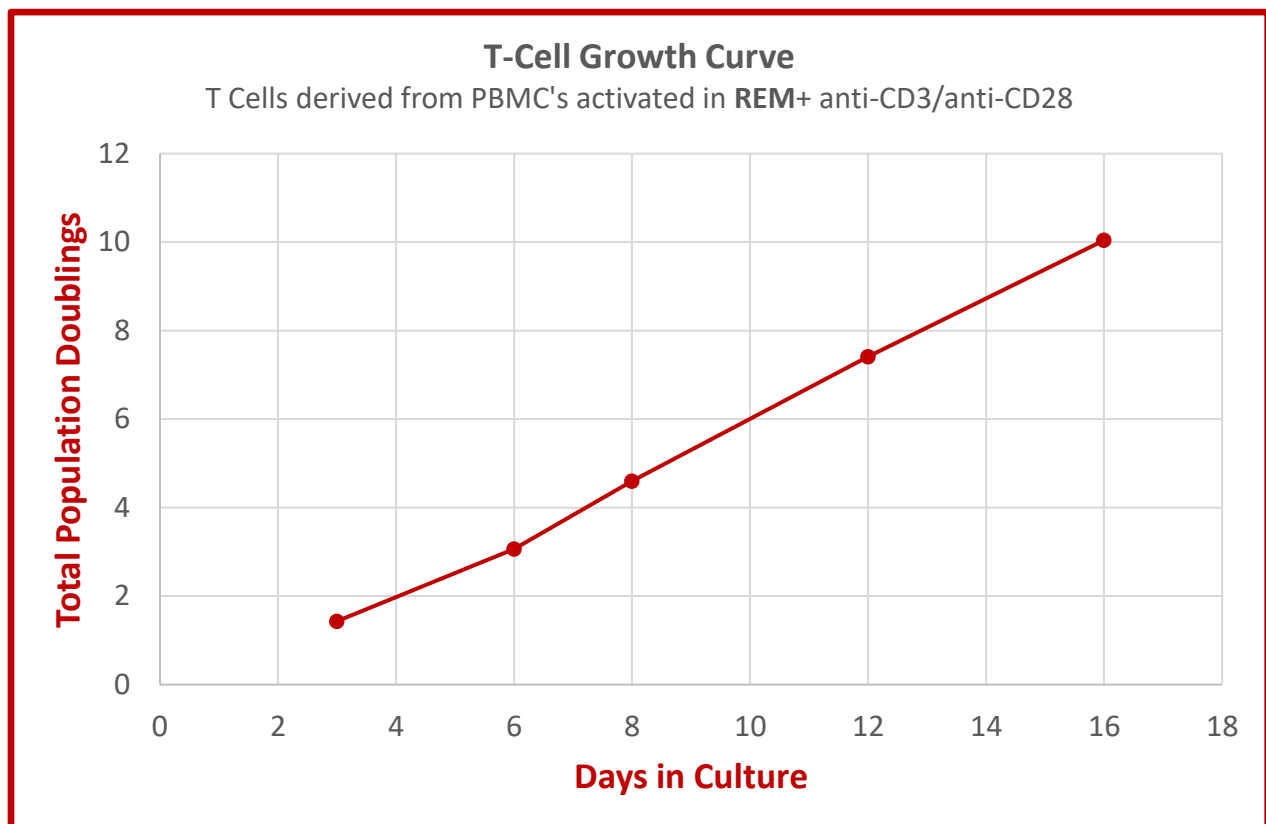
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Label REM-T medium with the date of preparation and store at 4°C for up to 2 weeks. For extended use, prepare smaller quantities of complete medium by preparing aliquots of the basal medium and store at their recommended temperatures until use.

NOTE: When prewarming the medium, avoid long term incubations at 37°C to prevent degradation of growth factors. It is best to simply warm the medium to room temperature or aliquot only the volumes needed for one day passaging.

GROWTH PERFORMANCE:



ADDITIONAL MEDIA INFORMATION

Osmolarity: 300-320

Serum Content: 5%

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STORAGE & STABILITY:

Upon arrival, store basal medium at 4°C. Store supplement at -20°C. The separate components are stable for a minimum of 6 months from date of receipt when stored as directed.

ADDITIONAL NOTES & USAGE TIPS:

1. **Use at least 0.2 mL of REM-T per cm² culture surface area.** Note: Limiting the culture medium volume will negatively impact culture health.
2. Media changes should be **performed every 3-4 days** to replenish nutrients and maintain a stable pH.

NOTICE TO PURCHASER:

This product is intended for academic research purposes only, and not intended for diagnostic or therapeutic use.