Datasheet

RPMI 1640, GMP grade

Cell Culture Medium

Product	Description	Art. No.	Size
RPMI 1640	**Roswell Park Memorial Institute Medium, GMP grade**	**CT-18047**	**500 ml**

Article description

RPMI 1640 medium was developed by the Roswell Park Memorial Institute for culture of normal and neoplastic leukocytes, but also marrow cells and hybridoma cells in suspension and as a monolayer. By supplementing RPMI 1640 with varying amounts of FBS, a very good medium for many different cell lines can be obtained. RPMI 1640 Medium contains biotin, vitamin B_{12}, and PABA, which are not found in Eagle's Minimal Essential Medium or Dulbecco's Modified Eagle Medium. In addition, inositol and choline are present in very high concentrations. RPMI 1640 Medium contains no proteins, lipids, or growth factors.

Storage conditions

Storage: 2°C to 8°C
Stability: 1 year from date of production
Size: 500 ml, other sizes on request

Composition:

w: 2 mM L-Glutamine
w: 1 mM Sodium pyruvate
w: 4.5 g/L Glucose
w: 10 mM HEPES
w: 1.5 g/L $NaHCO_3$
in WFI Quality Water

Detailed composition is available on request.

Performance Testing

RPMI 1640 is tested for pH, osmolality, conductivity, endotoxin, growth promotion and sterility. A Certificate of Analysis is available upon request.

Technical support

For technical support, questions or remarks please contact your local PAN partner or the technical department of PAN via email (info@pan-celltech.de) or phone +49-8543-601630.

09/2026