

HyClone™ RPMI 1640 media: Liquid

Supports cell growth in research and biomanufacturing cell culture processes.

Overview

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- HyClone RPMI 1640 medium is extensively quality control tested to ensure lot-to-lot consistency.
- Medium efficacy and homogeneity of RPMI 1640 is tested with HyClone sera.

HyClone RPMI solution with L-glutamine is available with or without HEPES. RPMI 1640 formulations without L-glutamine as well as RPMI lyophilized powder are also available.

HyClone RPMI 1640 culture medium is hydrated using purified process water and is filtered through a 0.1 µm filter.

RPMI 1640 cell culture media composition

RPMI 1640 uses a sodium bicarbonate buffer system. The medium includes glucose and amino acids but does not include proteins, lipids, or growth factors. Therefore, nutrient supplementation is typically required using serum such as HyClone fetal bovine serum.

Cell lines for which RPMI 1640 cell culture media can be used

HyClone RPMI 1640 is a basal medium that was originally developed for long-term culture of peripheral blood lymphocytes. It is now used as a growth medium for a variety of mammalian cell types. Human leukocytes, hybridomas, and other mammalian cells can be grown in suspension or adherent culture with appropriate supplementation.

Product specifications
HyClone™ RPMI 1640 liquid medium , without L-glutamine, phenol red, 500 mL

Catalog code	SH30605.01
Additives	Without: L-glutamine, and without phenol red
Shelf life	18 months
Storage	2° to 8°C, away from light

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Sterilization	0.1 µm sterile filtered
Format	Liquid

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