RPMI1640 Powder Medium with L-glutamine without sodium bicarbonate

RPMI1640 Powder Medium with L-glutamine without sodium bicarbonate provides a nutrient and buffering formulation for establishing the extracellular environment used in cell culture.
Its specified components should be considered when choosing supplements and matching the medium to the cell system.
Applications include routine culture and development of cell-specific growth or assay conditions.

CTDS SKU	CTDSMR008
Pack size	1 Lt
Product category	Cell Culture Media
Product subcategory	Basal Media
Detailed category	RPMI 1640

PRODUCT BACKGROUND

RPMI1640 Powder Medium with L-glutamine without sodium bicarbonate is a powder medium for preparing mammalian cell culture applications based on the RPMI 1640 formulation. It is intended for routine cell growth, maintenance, assay development and media optimization. The selected formulation helps users match key components such as glucose, L-glutamine, HEPES, sodium pyruvate, phenol red, salts or bicarbonate to the needs of specific cell lines and experimental protocols. This version is specified with L-glutamine; without sodium bicarbonate. For research, process development and manufacturing support use; final supplementation should be optimized as per cell line and protocol.

APPLICATIONS

Used in cell culture applications

CHARACTERIZATION AND QUALITY INFORMATION

Assay / validation method	Flow cytometry marker characterization

HANDLING AND STORAGE

Shelf life	24 months
Shipping	Shipped on gel pack
Storage	Store at 2-8°C
Intended use	For Research, Laboratory and Industrial Use Only. Not for Diagnosic Use

PRODUCT DISCLAIMER

The data and recommendations are based on validation done in our laboratory. It is recommended for users to establish their own parameters of culture independent of our claims. These reagents are for research use only and not for in-vitro diagnostics or human use.

ADDITIONAL CLASSIFICATION

Product grouping	Basal Cell Culture Media
Product subgroup	RPMI1640

Not a lot-specific certificate of analysis.