

## Product Information

RPMI 1640, with L-Glutamine, with 25 mM HEPES  
Cat. No. RPMI-HA (500 ml)

### Product Specifications

Appearance	Clear red orange solution
CO <sub>2</sub> concentration, optimum	4.5 %
Storage and shelf life	Store at +2°C to +8°C protected from light. Once opened, store at 4° C and use within 6-8 weeks.
Shipping conditions	Ambient

### Formulation

Components	Concentration mg/L
<b>Amino Acids:</b>	
Glycine	10.00
L-Arginine	200.00
L-Asparagine H <sub>2</sub> O	56.82
L-Aspartic Acid	20.00
L-Cystine 2HCl	65.20
L-Glutamic Acid	20.00
L-Glutamine	300.00
L-Histidine HCl H <sub>2</sub> O	20.27
L-Hydroxy-L-Proline	20.00
L-Isoleucine	50.00
L-Leucine	50.00
L-Lysine HCl	40.00
L-Methionine	15.00
L-Phenylalanine	15.00
L-Proline	20.00
L-Serine	30.00
L-Threonine	20.00
L-Tryptophan	5.00
L-Tyrosine 2Na 2H <sub>2</sub> O	28.83
L-Valine	20.00

Components	Concentration mg/L
<b>Vitamins:</b>	
p-Amino Benzoic Acid	1.00
D-Biotin	0.20
Choline Chloride	3.00
D-Calcium Pantothenate	0.25
Folic Acid	1.00
myo-Inositol	35.00
Nicotinamide	1.00
Pyridoxine HCl	1.00
Riboflavin	0.20
Thiamine HCl	1.00
Vitamin B12	0.005
<b>Inorganic Salts:</b>	
Ca(NO <sub>3</sub> ) <sub>2</sub> 4 H <sub>2</sub> O	100.00
KCl	400.00
MgSO <sub>4</sub> 7H <sub>2</sub> O	100.00
NaCl	6000.00
NaHCO <sub>3</sub>	2000.00
Na <sub>2</sub> HPO <sub>4</sub>	800.00
<b>Other Components:</b>	
D-Glucose	2000.00
HEPES	5958.00
L-Glutathione Reduced	1.00
Phenol Red Sodium Salt	5.30

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## Precautions and Disclaimer

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This product is for research and further manufacturing use only.

## Help Needed?

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If you have any further questions regarding this product, please do not hesitate to contact our cell culture experts by email ([techservice@capricorn-scientific.com](mailto:techservice@capricorn-scientific.com)) or phone (+49 6424 944640).