

## Product Information

Leibovitz's L-15 Medium, w/o L-Glutamine

Cat. No.: L15-XA (500 ml)

### General Information

Leibovitz's L-15 Medium was originally formulated for use in CO<sub>2</sub>-free systems and therefore does not contain sodium bicarbonate. Instead, the medium is buffered by salts, free base amino acids and galactose substituted for glucose to help maintain physiological pH control.

Leibovitz L-15 Medium supports existing cell lines, such as HEp-2 and LLC-MK2, as well as primary embryonic and primary human tissue.

*Reconstitution:* Usually the medium is supplemented with 0.3 g/l L-glutamine (2 mM).

Appearance	Clear red orange solution
Storage and shelf life	+2°C to +8°C protected from light Once opened store at +2°C to +8°C and use within 6 to 8 weeks.
Shipping conditions	Ambient
CO <sub>2</sub> concentration, optimum	0.0%

### Formulation

Components	Concentration		
<b>Amino Acids</b>	<b>mg/l</b>	Folic Acid	1.00
Glycine	200.00	myo-Inositol	2.00
L-Alanine	225.00	Nicotinamide	1.00
L-Arginine	500.00	Pyridoxine · HCl	1.00
L-Asparagine	250.00	Riboflavin	0.10
L-Cysteine	120.00	Thiamine Monophosphate HCl	1.00
L-Histidine	250.00	<b>Inorganic Salts</b>	<b>mg/l</b>
L-Isoleucine	125.00	CaCl <sub>2</sub> · 2 H <sub>2</sub> O	185.00
L-Leucine	125.00	KCl	400.00
L-Lysine · HCl	93.70	KH <sub>2</sub> PO <sub>4</sub> (anhydrous)	60.00
L-Methionine	75.00	MgCl · 6 H <sub>2</sub> O	200.00
L-Phenylalanine	125.00	MgSO <sub>4</sub> (anhydrous)	97.67
L-Serine	200.00	NaCl	8000.00
L-Threonine	300.00	Na <sub>2</sub> HPO <sub>4</sub> (anhydrous)	190.00
L-Tryptophan	20.00	<b>Other Components</b>	<b>mg/l</b>
L-Tyrosine	300.00	D-Galactose	900.00
L-Valine	100.00	Phenol Red · Na	11.00
<b>Vitamins</b>	<b>mg/l</b>	Sodium Pyruvate	550.00
Choline Chloride	1.00		
D-Calcium Pantothenate	1.00		

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### Precautions and Disclaimer

This product is for research use only.

### Help needed?

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).