ClearLine	Technical data sheet Media Liquid	Ref : 509068

Leibovitz L15 Medium
w/o L-Glutamine

Storage conditions: +2°C to +8°C

Shelf life: 24 months

Composition: Displayed on website; also available on request.

Colour: red solution

pH: 7.6 ± 0.3

Osmolality: 320 mOsm/kg ± 10 %

Endotoxin: < 1 EU/ml

Sterility tests:
- Bacteria in aerobic and anaerobic conditions
- Fungi and yeasts

Cell Growth test:
Medium tested for the ability to support L929 or MRC-5 cell growth.

Other tests: Not applicable

Recommended use:
- Respect storage conditions of the product
- Do not use the product after its expiry date
- Store product in an area protected from light (not necessary for saline solutions).
- Manipulate the product in aseptic conditions (e.g.: under laminar air flow)
- Wear clothes adapted to the manipulation of the product to avoid contamination (e.g.: gloves, mask, hygiene cap, overall…)

The product is intended to be used in vitro for research or further manufacturing only and not for use as an Active Pharmaceutical Ingredient or food or animal feed.

Application:
Leibovitz L-15 Medium was originally developed for use in carbon dioxide (CO2) free systems without Sodium Bicarbonate buffer. This medium is buffered by its complement of salts, free base amino acids and galactose substituted for glucose to help maintain physiological pH control.
When properly supplemented, Leibovitz L-15 Medium supports established cell lines, such as HEp-2, L929, MRC-5, and LLC-MK2, as well as primary explants of embryonic and adult human tissue.

Uses:
Supplements, such as antibiotics, should be added as sterile supplements to the medium. Storage conditions and shelf-life of supplemented product will be affected by the nature of the supplements.

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Sterile serum should not be refiltered before or after being added to sterile medium because growth promoting capacity may be reduced upon re-filtration.
Add 10.25 ml/l of L-Glutamine 200 mM (

Signs of Deterioration:
Medium should be clear and free of particulate and flocculent material. Do not use if medium is cloudy or contains precipitate.
Other evidence of deterioration may include colour change or degradation of physical or performance characteristics.

Remarks: Not applicable

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