



DATA SHEET

Technical Data Sheet
24/4/2011

Date:

Product Code: LM-D1220

Description: DMEM Ham's F12 w/o L-Glutamine, w/o Hepes

Theoretical pH:	7.4 ± 0.3
Osmolarity:	334 mOsm/kg ± 10%
Colour:	Red solution
Storage conditions:	+4° C in the dark
Shelf life:	24 months
Endotoxin:	<1 EU/ml
Composition:	Available on request
Sterility Tests	- bacteria aerobic-anaerobic - bacteria, strictly anaerobic - fungi

Composition

Available upon request

Cell Growth Test

Medium tested for the ability to support cell growth with Hela line.

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Recommended Use:

Use aseptic technique when handling or supplementing this medium.

Product is provided for laboratory use only, and not for drug, human or veterinary use.

Description/Application

Studies to determine the nutritional requirements of many cells have been in progress since Eagle's first reports. The major essential nutrients were identified and work became focused on the media requirements of individual cell types. Many media designed for these purposes are now available. Among the first of these media, developed initially to study hormonal requirements of cells in culture, was a mixture of DMEM medium and Ham's F12 medium, known as DMEM Ham's F12.

Uses

Supplements, such as antibiotics, should be added as sterile supplements to the medium. Storage conditions and shelf-life of supplemented products will be affected by the nature of the supplements. Add 12.5 ml/l of L-Glutamine 100X, 200mM (cat. : XC-T1715) or 365 mg/l of L-Glutamine (cat. : PM-P1410) before using this medium.

Indication of Deterioration:

Medium should be clear and free of particulate and flocculent material.

Do not use this medium if it is cloudy or contains precipitate.

Other evidence of deterioration may include colour change or degradation of physical or performance characteristics.