

DMEM/F12 (1X), liquid
Dulbecco's Modified Eagle Medium/
Nutrient Mixture F-12 (Ham) 1:1
+ L-Glutamine
+ 2.438 g/L Sodium Bicarbonate

Lot Number: 2963840
Item Number: 11320
Expiration Date: 2025-07
Storage Temp: 2 to 8C
Storage Instructions: Protect from light

For Research Use or Further Manufacturing. Not for diagnostic use or direct administration into humans or animals.
Sterile filtered (0.1 um)

| TEST | TEST ID | SPECIFICATION | RESULT | UNITS |
|--------------------|------------|------------------|------------|---------|
| Endotoxin Testing | ENDO0007 | Check and Record | <0.01 | EU/mL |
| Osmolality | OSMO0002 | 290 - 330 | 317 | mOsm/kg |
| pH | PH0003 | 7.0 - 7.4 | 7.3 | |
| Sp2 Toxicity Assay | SP2TOX0001 | Acceptable | Acceptable | |
| Sterility Testing | STERI0007 | Negative | Negative | |

Read SDS

GIBCO brand, Thermo Fisher Scientific cell culture liquid products are prepared by an aseptic process for which each step has been validated to ensure that all products meet the industry standard sterility assurance level of 10^{-3} ; i.e. product that demonstrates a contamination level of no more than 1 of 1,000 units during the manufacturing process. The highest level of sterility assurance (equal to or greater than 10^{-6}) cannot be achieved without terminal sterilization which is harmful to the performance of cell culture products.

NOTICE: Effective 13MAY2022, per ECR1087076, Sterility testing has been updated to modified Sterility and the Intended Use Statement has been updated to For Research Use or Further Manufacturing. Not for use or direct administration into humans or animals. If you have questions regarding this change, please contact Thermo Fisher Scientific Technical Support at 1-800-955-6288 in North America or Techsupport@thermofisher.com globally.

Clatz

Quality Systems Department

Date: 09-Aug-2024

References

- ENDO0007: Current United States Pharmacopeia, <85> Bacterial Endotoxins Test.
- OSMO0002: Thermo Fisher Scientific Specifications.
- PH0003: Thermo Fisher Scientific Specifications.
- SP2TOX0001: Thermo Fisher Scientific Specifications, Ref.: GIBCO Catalog. Cell Line Used: Sp2/O-Ag14 (ATCC No. CRL-1581). Test samples were evaluated for nutritional support of target cells utilizing the murine myeloma cell line Sp2/O-Ag14 (Sp2). Comparable growth rates of Sp2 cells in samples of complete test medium were obtained relative to parallel cultures grown in reference control medium.
- STERI0007: Current Edition of USP, Thermo Fisher Scientific Modified.