



Pluripotent Stem Cell SFM XF/FF

ACS-3002™

Description

Pluripotent Stem Cell SFM XF/FF is a defined, xeno-free, serum-free complete medium optimized for feeder-free culture of human embryonic stem cells (hESC) and induced pluripotent stem cells (hiPSC). The medium ensures successful feeder-independent expansion of cells for at least 20 passages while maintaining normal morphology, pluripotency, and differentiation capability. The medium can also be used as a part of a feeder dependent culture system as desired.

Volume: 500 mL

Storage Conditions

Product format: Frozen

Storage conditions: -20°C or colder

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

Biosafety Information

ATCC determined that a biosafety level is not applicable to this material based on our risk assessment as guided by the current edition of Biosafety in Microbiological and Biomedical Laboratories (BMBL), U.S. Department of

Health and Human Services. It is your responsibility to complete your own risk assessment and understand any potential hazards associated with the material per your organization's policies and procedures and any other applicable regulations as enforced by your local or national agencies.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Handling Procedures

Detailed [protocols](#) relating to this product are available online.

1. Thaw Pluripotent Stem Cell SFM XF / FF complete medium at 2°C to 8°C overnight. The thawed medium is stable for up to two weeks at 2°C to 8°C.
2. Warm medium for NOT MORE THAN 30 minutes in a 37°C water bath prior to use.

Pluripotent Stem Cell SFM XF/FF is stable for up to two weeks at 2°C to 8°C.

Note: It is recommended to prepare single use aliquots of the medium to prevent repeated warming at 37°C. If medium is not to be used within two weeks, it is acceptable to store aliquots at -20°C.

Quality Control Specifications

Bacterial and fungal testing: Not detected

Mycoplasma contamination: Not detected

Endotoxin: ≤1.0 EU/mL

Osmolality: 280 to 320 mOsm/kg

pH: 6.70 to 7.30

Functional tests: Functional Stem Cell Culture

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Pluripotent Stem Cell SFM XF/FF (ATCC ACS-3002)

References

References and other information relating to this material are available at www.atcc.org.

Warranty

The product is provided 'AS IS' and the viability of ATCC® products is warranted for 30 days from the date of shipment, provided that the customer has stored and handled the product according to the information included on the product information sheet, website, and Certificate of Analysis. For living cultures, ATCC lists the media formulation and reagents that have been found to be effective for the product. While other unspecified media and reagents may also produce satisfactory results, a change in the ATCC and/or depositor-recommended protocols may affect the recovery, growth, and/or function of the product. If an alternative medium formulation or reagent is used, the ATCC warranty for viability is no longer valid. Except as expressly set forth herein, no other warranties of any kind are provided, express or implied, including, but not limited to, any implied warranties of merchantability, fitness for a particular purpose, manufacture according to cGMP standards, typicality, safety, accuracy, and/or

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