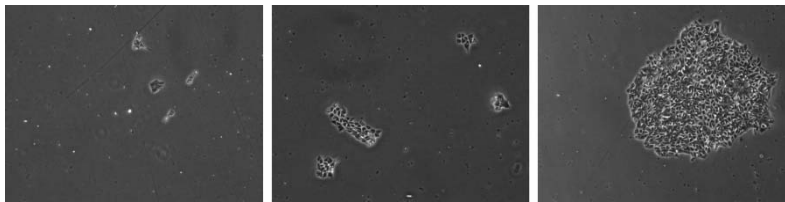


Human iPSC Culture Medium (Xeno-Free, Serum Free)-Stable
ORDER INFORMATION

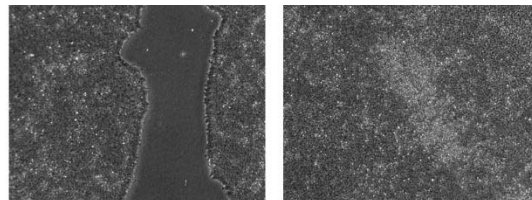
Name of Products: Human iPSC Culture Medium (XF, SF)-Stable
Catalogue Number: **cAP-49**
Product Format: 500ml (Frozen, -80C)

General Information

Human iPSC Culture Medium (Xeno-Free (XF), Serum Free (SF))-stable, is a defined, Xeon-free, serum-free complete medium optimized for feeder-free culture of human embryonic stem cells (hESC) and hiPSC. It is DMEM-F12 based, with the addition of a total of 8 key components, the medium ensures successful feeder-independent expansion of cells for at least 20 passages while maintaining normal morphology, pluripotency, and differentiation capability. With our special human bFGF, which is stable for at least 72hrs at 37C and 5% CO2 condition, you can avoid the daily medium changes when cell density is lower than 60%. The medium can also be used as a part of a feeder dependent culture system as desired.



When passing the cells, even small cell clusters can survive



Sharp edge of the cells and rare cell differentiation even for over confluent cells

Direction for Use

Handling Instructions for ready to use Human iPSC Culture Medium (XF, SF)-stable.

1. Thawing hiPSC Culture Medium (XF, SF)-stable at 2C to 8C overnight. The thawed medium is stable for up to four weeks at 2C to 8C.
2. Warming Aliquoted medium for NOT MORE THAN 30 minutes in a 37C water bath prior to use.

Quality Control Specifications

Sterility tests are performed on each lot of medium using current USP methods. Each lot of medium is also tested for the ability to support the growth of cell lines using both sequential subcultures and plating efficiencies. pH, osmolality, and endotoxin tests are also performed as indicated below.

Test*	Specification
pH	6.70 to 7.30
Osmolality	280 to 320mOsm/kg H2O
Sterility Testing	Pass
Endotoxin	≤ 1.0 EU/mL
Functional Stem Cell Culture	Maintains pluripotency on hiPSCs as determined by expression of pluripotent marker

Related products

iPSC Coating Solution	cAP-50	100ml	Angio-Proteomie
iPSC Non-Enzymatic Dissociation Solution	cAP-51	50ml	Angio-Proteomie
ROCK Inhibitor Solution (500 X)	cAP-52	1 ml	Angio-Proteomie
iPSC Freezing Medium	cAP-53	50ml	Angio-Proteomie
ITS (100x)	cAP-26	10ml	Angio-Proteomie
L-Glutamine-MAXIMUM (100x)	cAP-27	100ml	Angio-Proteomie
Human Plasma Fibronectin Solution	cAP-42	1mg/ml	Angio-Proteomie

Angio-Proteomie Warranty

The viability of Angio-Proteomie's Cells and Cell-Related Products are warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet.

Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans. While Angio-Proteomie uses reasonable efforts to include accurate and up-to-date information on this product sheet, Angio-Proteomie makes no warranties or representations as to its accuracy.

Caution: Handling human and animal tissue derived products is potentially bio-hazardous. Although each cell strain is tested negative for HIV, HBV and HCV DNA, diagnostic tests are not necessarily 100% accurate; therefore, proper precautions must be taken to avoid inadvertent exposure. Always wear gloves and safety glasses when working these materials. Never mouth pipette. We recommend following the universal procedures for handling products of human origin as the minimum precaution against contamination.