

PRODUCT SPECIFICATIONS SHEET:

NutriStem™ hPSC XF Culture Medium



Product Name	NutriStem™ hPSC XF Culture Medium
Description	NutriStem hPSC XF Medium (formerly called NutriStem XF/FF Culture Medium) is a fully defined xeno-free, low growth factor human embryonic stem (ES) and induced pluripotent stem (iPS) cell feeder-free culture medium that enables maintenance and expansion of pluripotent stem cells. NutriStem Medium can be used to culture pluripotent stem cells for at least 20 passages while retaining pluripotency marker expression, robust proliferation with a normal karyotype, and the ability to differentiate into cells of all three germ layers <i>in vitro</i> and <i>in vivo</i> . NutriStem Medium offers the ability to culture cells in a completely xeno-free medium without the need for high levels of basic FGF and other stimulatory growth factors and cytokines. In addition, the superior cell attachment and proliferation observed with NutriStem Medium aid high-throughput screening applications.
Catalog Number and Size	01-0005 (Sartorius Cat No 05-100-1A): 500 mL 01-0005-100 (Sartorius Cat No 05-100-1B): 100 mL
Storage and Stability	Store at -20 °C. Stable until the expiration date listed on the label.
Quality Control	NutriStem® hPSC XF Medium performance is tested for optimal maintenance of hESC (H1) for NLT 3 passages and IF Staining for pluripotency markers. Additional parameters tested are: pH, osmolality, endotoxins, mycoplasma and sterility tests. For full specifications, please check the lot specific Certificate of Analysis (CoA).
Quality Assurance	• Listed in Europe under CE IVD class I, thus comply with European In-Vitro Diagnostic Devices Directive (98/79/EC) requirements- • Notified under US FDA IVD part 864.2220 Synthetic cell and tissue culture media and components- • Manufactured under ISO 13485 QMS and ISO 9001 and in compliance with applicable cGMP guidelines- • Manufactured under controlled environments and processes in accordance with: – ISO 13408 – Aseptic Processing of Health Care Products – ISO 14644 – Cleanrooms and associated controlled environments- • A DMF (Drug Master File) has been acknowledged by the US-FDA.
Notice to Customers	Manufactured by Sartorius AG. Germany.

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