

Expand your stem cells...  
with NutriStem® hESC XF media  
...Simply the best...



## NutriStem® hESC XF Media

**Biological Industries and the Technion - Israel Institute of Technology established a strategic collaboration to develop an innovative cell culture environment for stem cell research.**

NutriStem® are defined, Serum-Free (SF), Xeno-Free (XF) media, specially formulated for the growth and expansion of undifferentiated human Embryonic Stem Cells (hESCs) and human induced Pluripotent Stem Cells (hiPSCs).

After culturing in NutriStem®, cells can be easily differentiated with excellent results, in a differentiation medium.

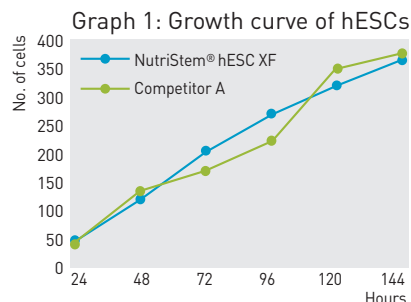
### NutriStem® hESC XF

Cat. No. : 05-100-1A 500 ml 05-100-1B 100 ml

- For hES & iPS Cells • Optimized for feeder-dependent and feeder-free culture systems • Superior performance on Matrigel • Complete medium (Contains HSA)

**NutriStem® hESC XF enables excellent proliferation of undifferentiated hESCs. (see graph 1)**

hESC (H1, passage 6) were seeded in 96-well plates (Matrigel coated) in the different media. Media were changed every 24 hours. The numbers of cells were determined using CyQuant™ cell proliferation assay kit.



### AF NutriStem® hESC XF

Cat. No. : 05-102-1A 500 ml 05-102-1B 100 ml

- For hESCs • Albumin-Free (AF) • Optimized for feeder-dependent culture
- Superior performance on HFF (Human Forskin Fibroblasts) or MEF (Mouse Embryonic Fibroblasts) feeder layer

### CryoStem

Cat. No. : 05-710-1D 10 ml  
05-710-1E 50 ml

A chemically defined, protein-free, animal component-free freezing medium, designed for the cryopreservation of clumps of hESCs & hiPSCs

### Bio-Pure Human Serum Albumin (HSA), Solution (10%)

Cat. No. : 05-720-1B 100 ml  
05-720-1C 20 ml

A Xeno-Free HSA supplement, optimized and qualified for the growth and expansion of undifferentiated pluripotent human ES & iPS cells, in both feeder-dependent and feeder-free conditions.