JET BIOFIL · EXCELSIOR SCIENTIFIC · TRAJAN · SCP SCIENCE

Cell Culture & QC Consumables Selection Guide

Match culture vessels, media, filtration and QC consumables to your scale and quality requirements.

1 Choose your culture vessel by scale

Scale	Adherent cells	Suspension cells
Research	TC-treated flasks, plates and dishes	Erlenmeyer flasks 125 mL to 1 L, plain or baffled
Process development / pilot	CellFac® 1, 2, 4 and 5 layer vessels	Erlenmeyer flasks 2 L and 3 L
Production	CellFac® 10, 20 and 40 layer systems with closed-system caps	Erlenmeyer flasks 5 L (optional handle), closed bottle assemblies

CellFac® comes in five surface types (non-treated, TC-treated and specialised treatments), made from medical-grade polystyrene in an ISO Class 7 cleanroom.

2 Media, serum and quality grade

- **ProGro™ media:** DMEM (high and low glucose), DMEM/F12, RPMI-1640, plus serum-free options.
- **ProGro™ fetal bovine serum:** triple 0.1 µm filtered, endotoxin below 1 EU/mL.
- **CellSafe™ GMP grade:** flasks, plates, dishes, CellFac, Erlenmeyer flasks, tubes, pipets and vacuum filters, sterilised to SAL 10^{-6}.

3 Filtration and concentration

Task	Choose
Sterile filtering media, sera, reagents	Vacuum bottle-top filters, PES 0.10 / 0.22 / 0.45 µm
Small volumes	Syringe filters (MCE, nylon, PVDF, CA, SFCA, PES)
Protein or nucleic acid concentration	JetSpin® PES centrifugal filters 0.5, 5 and 15 mL, 3 to 100 kDa MWCO
Bioprocess media and buffers	PureFlow™ single-use capsule filters

4 QC consumables by test

QC need	Choose
Steam sterilizer monitoring	SteriGo™ SCBI MSCS-05E / MSCS-06E (24 h read); Bowie-Dick test packs BD-1XECS
Liquid load validation	SporeGo™ 1 mL spore ampoules SA1-50-05E / SA1-50-06E, negative control SA1-NC-10E
VHP sterilizers and isolators	SteriGo™ MSCH-06E; HyperGo™ spore discs HPG129 / HPG795 (10^4 or 10^6)
USP <71> growth promotion	GP-01E, GP-06E, GP-10E challenge suspensions

QC need	Choose
Elemental impurities USP <232>/<233>	SCP SCIENCE elemental impurities mixes; Pico-Pure® ICP-MS acids
HPLC and GC injection	Trajan L-MARK® Gold syringes and SGE consumables

Enquiry checklist

- ☐ Cell type and application
- ☐ Adherent or suspension
- ☐ Scale and monthly quantity
- ☐ Format and size
- ☐ Sterile, GMP or endotoxin needs
- ☐ QC test and pharmacopoeia
- ☐ Current brand and part number
- ☐ Delivery location and date

Need help choosing? Send us this checklist and we will recommend the exact product, pack size and lead time.

scientific@viyonmiddleeast.com · +971 56 671 6788 (phone and WhatsApp) · Toll free 800 VIYON

Viyon Middle East L.L.C
Meydan Grandstand, Dubai, U.A.E.