Virosart® virus filters
Reliable retention under all circumstances

No impact on virus retention through pressure variations, high loads or process interruptions.
≥ 4 log for small non-enveloped viruses
≥ 6 log for large enveloped viruses

Virosart® HF
- plug and play
- gamma irradiatable
- high performance
- low flushing | hold up volumes

Virosart® HC
- no solvent pre-flush required
- diffusion testing
- high capacity

Virosart® Max
- robustness for the final virus filter
- independent from process conditions
- clean material

Virosart® CPV
- highest retention
- for easy to filter molecules

Virosart® Media
- high flux
- cost efficient
- for chemical defined media

The right virus filter for your application

MAb and rec. proteins

Plasma derivatives

Adsorptive prefiltration

Cell culture risk mitigation
How to use Virosart® Media

Use Virosart® Media for virus filtration upstream of the bioreactor for chemically defined cell culture media.

1 Installation
- install the device in the direction of filtration
- connect vent valve in a slightly upward position (see picture)

2 Wetting
- rinse filter with buffer | WFI in the direction of filtration at an inlet pressure of 2 bar for 15 min
- typical flow rates with WFI: 450 LMH ± 25% @ 1 bar, 25°C

3 Filtration
- replace buffer | WFI by the solution to be filtered
- open the vent valve after every change within the reservoir
- start filtration at the desired filtration pressure

Max. allowable differential pressure
- direction of filtration: at 20°C max. 5 bar | 73 psi
- reversed direction of filtration:
  at 20°C max. 1 bar | 14.6 psi

For detailed description please visit: www.sartorius-stedim.com/virus-filtration or scan QR code.