



# CELLSTAR® CELLreactor™

## 50ml Polypropylene Filter Top Tube

The new CELLSTAR® CELLreactor™ can be used as small bioreactor for suspension and spheroid cell culture, facilitating miniaturisation of large scale setups and maximising the number of parallel experiments.

Each CELLreactor™ cap features 8 holes and a specific USP VI certificated, PTFE coated capillary pore filter membrane with a pore size of 0.2 µm to guaranty maximal sterility while providing excellent gas exchange. In case the aeration has to be reduced, individual openings can be sealed. Agitation of internal liquids is achieved with standard shaking lab equipment minimising foam formation and cellular shear stress induced by integrated mixing devices. Compared to cell culture and spinner flask as well as other cultivation disposables no transfer for cell harvest is required. Based on the conical design the tube fits in standard 50 ml centrifuge rotors and cells can be spun down in the tube they have been cultivated in.

Additionally to cell culture applications the CELLSTAR® CELLreactor™ can be applied for the expansion of aerobic bacteria, yeast or other microorganisms in shaken cultures\* as well as storage of components and liquids requiring gas exchange.

\* For anaerobic culture the CELLSTAR® polypropylene tube with standard cap (Cat.-No. 227261) can be used.

### Advantages of the CELLSTAR® CELLreactor™:

- Facilitates a high number of parallel experiments
- Flexible working volume from 1-35 ml
- Maximal sterility and excellent gas exchange
- Conical tube design and in tube cell harvest



### Features

Ø [mm] x height [mm]	30 x 115
Volume [ml]	50
■ Sterile	
■ With graduation and writing field	
■ Free of detectable DNase, RNase, human DNA. Non-Pyrogenic. Non-cytotoxic.	

### Ordering Information

Cat.-No.	Description	Qty/bag	Qty/case
227 245	CELLSTAR® CELLreactor™ Filter Top Tube, PP, 50ml, sterile	20	500

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