

# CELLSTAR® CELLreactor™

## 15 ml / 50 ml Polypropylene Tubes with Filter Screw Cap

CELLSTAR® CELLreactor™ tubes can be used as small bioreactors for the cultivation of suspension cells. In addition to cell culture applications the CELLSTAR® CELLreactor™ can be applied for the expansion of aerobic microorganisms, such as bacteria and yeasts, as well as for the storage of components that require gas exchange.

CELLSTAR® CELLreactor™ tubes enable the miniaturisation of large scale setups while maximising the number of parallel experiments.

Each CELLreactor™ cap features several holes and a specific USP Class VI certified filter membrane. The pore size of 0.2 µm guarantees maximal sterility while providing excellent gas exchange. Individual openings can be sealed, in case the aeration has to be reduced.

Agitation of liquids is achieved with orbital shakers minimising foam formation and cellular shear stress induced by integrated mixing devices. Compared to other cell cultivation disposables, no transfer for cell harvest is required: based on the conical design the tubes fit in standard 15 ml / 50 ml centrifuge rotors and cells can be spun down in the same tube they have been cultivated in.

\* For anaerobic culture CELLSTAR® polypropylene tubes with standard cap (order no. 188271 / 15 ml or 227261 / 50 ml) can be used.

### Key Facts

- For cultivation of suspension cells and expansion of aerobic microorganisms
- Facilitates a high number of parallel experiments
- Maximal sterility and excellent gas exchange
- Conical tube design and in-tube harvest
- Flexible working volume
- Graduation and labeling field



### Ordering Information

Order No.	Product Description	Quantity per Bag	Quantity per Case
188241	CELLSTAR® CELLreactor™ tube, filter screw cap, PP, 15 ml, sterile	20	500
227245	CELLSTAR® CELLreactor™ tube, filter screw cap, PP, 50 ml, sterile	20	500

For further information and/or sample ordering please visit our website [www.gbo.com](http://www.gbo.com) or contact us:

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