

# CELLSTAR® CELLreactor™

## 15 ml and 50 ml Polypropylene Filter Top Tube


The CELLSTAR® CELLreactor™ can be used as small bioreactor for the cultivation of suspension cells. In addition 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.

The CELLSTAR® CELLreactor™ enables 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, PTFE-coated capillary pore 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 standard lab shakers minimising foam formation and cellular shearing forces 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 the CELLSTAR® polypropylene tubes with standard cap (Cat.-No. 188 271 / 15 ml or 227 261 / 50 ml) can be used.

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| <h3>Key Facts</h3> <ul style="list-style-type: none"> <li>➤ Facilitates a high number of parallel experiments</li> <li>➤ Flexible working volume</li> <li>➤ Maximal sterility and excellent gas exchange</li> <li>➤ Conical tube design and in-tube harvest</li> <li>➤ With graduation and labeling field</li> </ul> |  <div style="display: flex; justify-content: center; gap: 10px; margin-top: 10px;"> <div style="border: 1px solid black; padding: 2px; font-size: 8px;">Free of detectable<br/>DNase, RNase,<br/>human DNA</div> <div style="border: 1px solid black; padding: 2px; font-size: 8px;">non-<br/>cytotoxic</div> <div style="border: 1px solid black; padding: 2px; font-size: 8px;">non-pyrogenic</div> </div> |
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### Ordering Information

| Cat. No. | Product Description  | Quantity per Bag | Quantity per Case |
|----------|--|------------------|-------------------|
| 188 240  | CELLSTAR® CELLreactor™ Filter Top Tube, PP, 15 ml, sterile | 20               | 300               |
| 227 245  | CELLSTAR® CELLreactor™ Filter Top Tube, PP, 50 ml, sterile | 20               | 500               |