Published Cell lines used in perfusion cultures with the BioSep, Acoustic cell retention device.

<table>
<thead>
<tr>
<th>Cell line (reference #)</th>
<th>Company</th>
<th>Viable Cell density (c/ml)</th>
<th>Product</th>
<th>Aver. conc (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BHK (25)</td>
<td>Cytos, Switzerland</td>
<td>$7.5 \times 10^6$</td>
<td>EPO</td>
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<tr>
<td>DUKX B11-derived CHO (6)</td>
<td>University of British Colombia, Canada</td>
<td>$4 \times 10^6$</td>
<td>t-PA</td>
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<tr>
<td>CHO (10)</td>
<td>4C, Belgium</td>
<td>$25 \times 10^6$</td>
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<td>272</td>
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<tr>
<td>DUKX CHO (11)</td>
<td>Genentech, U.S.</td>
<td>$60 \times 10^6$</td>
<td>Rhesus TPO</td>
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<td>CHO (26)</td>
<td>University of New South Wales, Australia</td>
<td>$8 \times 10^6$</td>
<td>Human Therapeutic Protein</td>
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<tr>
<td>Human recombinant CHO (27)</td>
<td>IAM, Austria</td>
<td>$20 \times 10^6$</td>
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<td></td>
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<tr>
<td>High Five Cells (9)</td>
<td>Institute Pasteur, France</td>
<td>$2.7 \times 10^6$</td>
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<tr>
<td>TB/C3 Mouse Hybridoma (1)</td>
<td>Centre for Bioprocess Engineering, U.K.</td>
<td>$12 \times 10^6$</td>
<td>IgG</td>
<td></td>
</tr>
<tr>
<td>Mouse mouse Hybridoma (8)</td>
<td>Serono, Switzerland</td>
<td>$24 \times 10^6$</td>
<td>IgG2A</td>
<td>60</td>
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<td>Hybridoma (23)</td>
<td>Wageningen University, Netherlands</td>
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<td>Mouse human human hybridoma (30)</td>
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<td>IgG</td>
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<td>Hybridoma 2E11 (31)</td>
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<td>Rat Hybridoma TFL-P (-)</td>
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<td>Monodorus subterraneus UTEX 151 (algae) (2)</td>
<td>Wageningen University, Netherlands</td>
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<td>Saccharopolyspora Erythraea (fungi) (13)</td>
<td>University of Surrey, U.K.</td>
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<td>Erythromycin</td>
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<td>Sf9 ATCC 1711-CRL (15)</td>
<td>Human Genome Sciences, U.S.</td>
<td>$33 \times 10^6$</td>
<td>Virus production</td>
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</tr>
</tbody>
</table>
References BioSep


**Posters**


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Other

25. Upstream process development – manufacture of recombinant proteins in baby hamster kidney (BHK) cells.


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28. Th. Gaida, O. Doblhoff, K. Strutzenberger, H. Katinger, W Burger, M Groschl, B. Handle, E. Benes. Scale up of resonance field cell separation devices used in animal cell technology. poster and internet

29. S. Sonderhoff. Perfusion Culture utilizing acoustic resonance to separate and recycle cells. Poster


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**AppliSens**

52. STS 90, BioSep: a novel separation technology


