

OptimumGrowth™

Bioreactor Exhaust Cap



Key Features

- Extend culture growth with increased viability
- Allows CO₂ to vent efficiently, enhancing gas exchange in 5L-100L bioreactors
- Easy to use Luer lock connection
- No more clogged exhaust filters!

Part Numbers

Part #	Description	Qty/Case
931713	Bioreactor Exhaust Cap	8

Note: (1) Optimum Growth™ 1.6L Flask (pn# 931113) is required and will need to be purchased separately.

To see the full specifications of this product visit htslabs.com where you can also find application notes, videos and more on all of our products.

Bioreactor Exhaust Cap

The Bioreactor Exhaust Cap allows for the efficient ventilation of CO₂ in bioreactors ensuring exhaust filters will not clog ever again. This device works as a trap allowing the condensed fluid to pool in a flask so that it never touches the exhaust filter. The Bioreactor Exhaust Cap has been shown to vent CO₂ more efficiently than traditional exhaust filters, which means less base is needed to balance the pH. Less base additions mean the ideal osmolarity is maintained longer and less salt formation. This makes it possible to extend the culture growth for a few extra days, increasing viability and producing more product.



Less CO₂ → Less base added → Less salt content → Healthier cells → More production

