

High-Intensity Perfusion CHO Medium

Get high titers with a variety of
CHO cell lines



Gibco™ High-Intensity Perfusion (HIP) CHO Medium is formulated to provide exceptional performance in perfusion processes. It supports high cell density of more than 100 million cells/mL at 1 vessel volume/day (VVD) continuous perfusion. This high-performing medium is supported by the largest global manufacturing network, so you can focus on getting your product to market.

Key features

Features	Benefits
Gibco™ Advanced Granulation Technology (AGT™) format	Easy to use
Works with numerous CHO clones (e.g., CHO-S, CHO-GS, CHO-K1, CHO-DG44)	Flexible
Works in a variety of processes	Intensified fed-batch, concentrated fed-batch, N-1, and continuous perfusion
Supports high cell densities at low medium exchange rates	Improved process efficiency
Supports multiple reconstituted concentrations	Product can be flexibly reconstituted to meet process needs

Comparison of perfusion vs. fed-batch medium

	Perfusion	Fed-batch
Bioreactor size (liters)	50–2,000	2,000–25,000
Production run (days)	16–90	10–14
Cell culture medium	2–5x more	1x
Product quality	Highly controllable	Moderately controllable

HIP CHO package sizes

Package size	Product
2 L–370 L	Catalog
2,500 L–28,000 L	Custom order

Find out more about HIP CHO Medium at
thermofisher.com/perfusion

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