

GlycanTune Total Feed supplements

Achieve your targeted glycan profile predictably

Instead of empirical titration testing to shift your glycan profiles, now you have a tool that enables you to predict your targeted profile through a simple experiment. Gibco™ GlycanTune™ Total Feeds are the first feeds that allow you to “dial in” to a specific glycan profile predictably and reliably to maintain or improve your protein quality.

Gain more control and consistency as you obtain your desired glycan profiles

Shift glycan profiles from heavily G0 to primarily G1 and G2 glycans (Figure 1). Reduce guesswork using a simple experiment with our Gibco™ EfficientFeed™ supplement, or use with your current feeds.

Unparalleled performance

Improve protein quality by reducing G0 expression by up to 45%.

Risk reduction

Store the hydrated product at room temperature for up to 30 days, use fewer bioreactor connections, and help reduce the chances of contamination.

Simple reconstitution with just water results in fewer steps and helps reduce opportunities for operator error.

Reduced dilution gap

Gain up to 20% more bioreactor utilization with less product dilution and thus more space for additional feeding and and/or working volume to start your run (Figure 2).

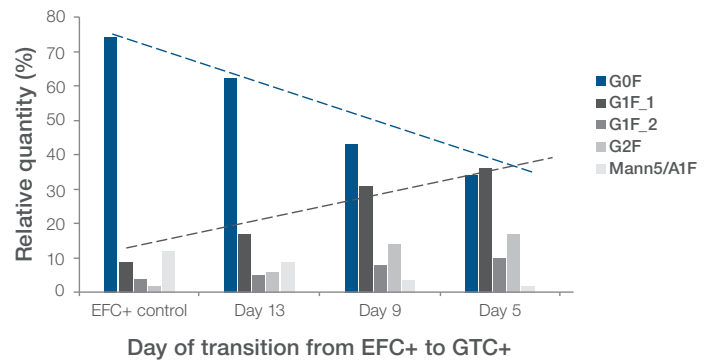


Figure 1. Modulation of glycan profile. The timing of transitioning from Gibco™ EfficientFeed™ C+ supplement (EFC+) to GlycanTune C+ Total Feed (GTC+) provides a predictable linear response and makes it possible to target specific glycosylation profiles. Modulate G0F from 75% down to 32% while increasing G1F (1 and 2) and increasing G2F.

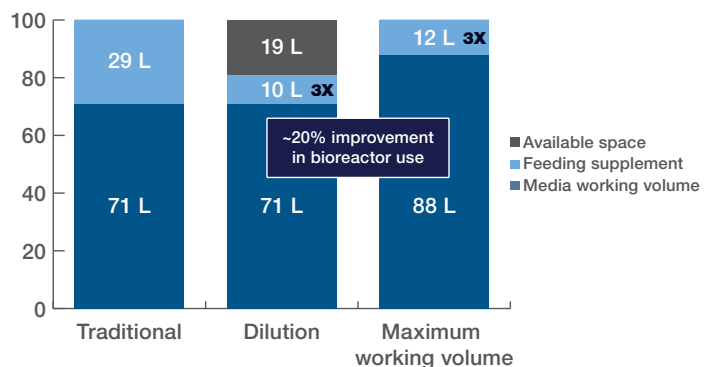


Figure 2. Improvement in bioreactor space utilization. About 20% improvement in bioreactor space utilization is possible based on flexibility to super-concentrate with GlycanTune Total Feeds, either for reduction in dilution or for maximizing either working volume or total amount of fed nutrients.



Ordering information

Description	Quantity	Cat. No.	
GlycanTune A+ Total Feed	100 L	A2971901 (A29719-01)	
GlycanTune B+ Total Feed	100 L	A2972001 (A29720-01)	
GlycanTune C+ Total Feed	100 L	A2972101 (A29721-01)	
Feed Kit A+ includes:	EfficientFeed A+ AGT Supplement GlycanTune A+ Total Feed	1 L 1 L	A3315901 (A33159-01)
Feed Kit B+ includes:	EfficientFeed B+ AGT Supplement GlycanTune B+ Total Feed	1 L 1 L	
Feed Kit C+ includes:	EfficientFeed C+ AGT Supplement GlycanTune C+ Total Feed	1 L 1 L	A3316001 (A33160-01)
			A3316101 (A33161-01)

Caution: For use as a raw material in further manufacturing applications.



Find out more at thermofisher.com/glycantune

ThermoFisher
SCIENTIFIC