

Gibco® CHO Productivity Maximization

Helping to enable technologies in fed-batch cell culture



Products and services for fast, robust, scalable CHO cell culture process development and manufacturing

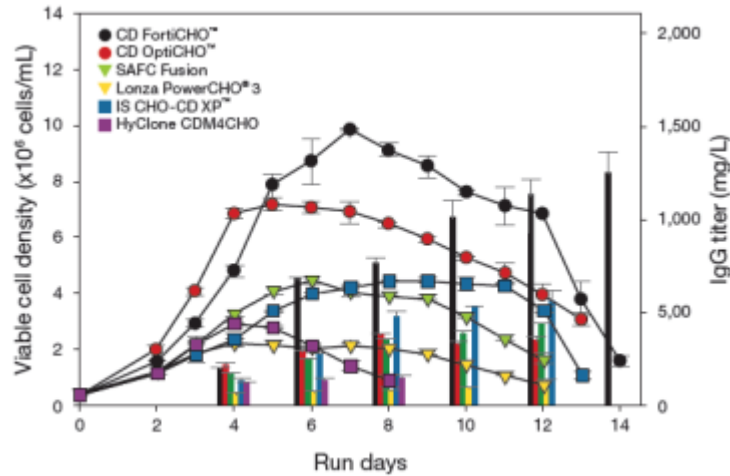
- **Proven Gibco® quality and reliability for 50 years** trusted by top Biopharmaceutical companies worldwide
- **Up to 50% increase in basal medium titers** over other commercial alternatives
- **2- 5 fold titer improvements using optimized feeds** compared to batch culture
- **Sustained specific productivity** with increased volumetric productivity
- **Integrated portfolio solutions** including cells, media, feeds, services, custom formats

Features	Benefits	Products and Services
<ul style="list-style-type: none"> ▪ Superior titers ▪ Sustained cell productivity ▪ Extended high-viability cell culture ▪ Chemically-defined, AOF media and feeds ▪ Available in custom sizes and AGT™ format ▪ Worldwide technical support 	<ul style="list-style-type: none"> • Helps increase protein production in less time • Helps simplify downstream processing by providing healthier cells at harvest • Helps facilitate regulatory compliance • Helps enable efficient scale-up 	<ul style="list-style-type: none"> • Media <ul style="list-style-type: none"> • CD FortiCHO™ • CD OptiCHO™ • CD CHO • EfficientFeed™ Nutrient Supplements • PD-Direct Media Development and Analytical Services

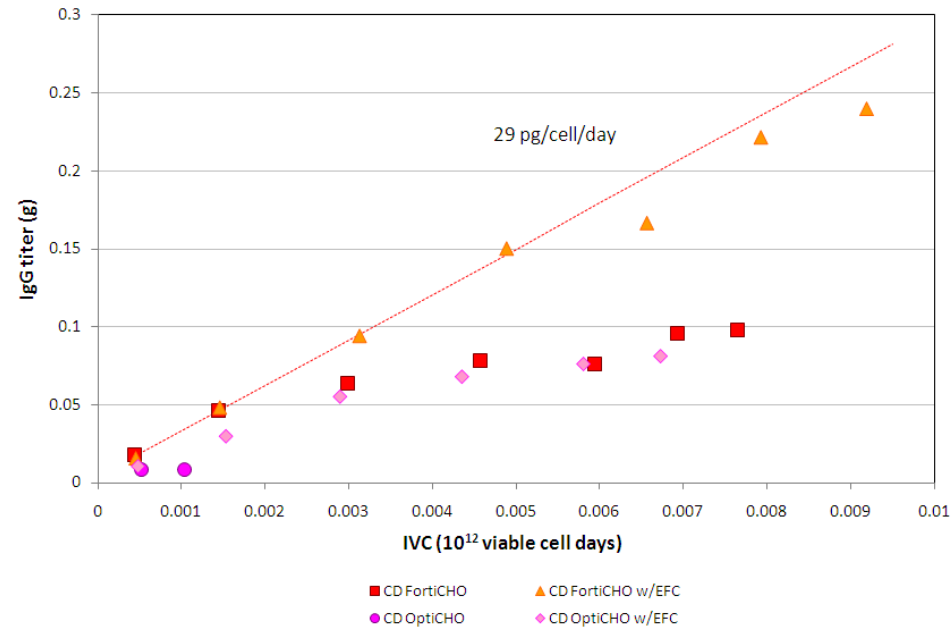
Helping raise standards in fed-batch cell culture

Gibco® CHO Productivity Maximization

Up to 50% increase in basal medium titers



Sustained specific productivity with increased volumetric productivity



Up to 120% increase in fed-batch titers

