

BIOMANUFACTURING

YOUR PREMIER CONTRACT SERVICES PROVIDER

RIGHT SCALE CLINICAL & COMMERCIAL MANUFACTURING

Catalent Biologics' two state-of-the-art facilities have been designed to provide integrated bulk drug substance services for clinical trials and commercial launches, as well as:

- Cell line development and process development
- Clinical and commercial mammalian cell culture manufacturing
- Formulation development, analytical development and testing, cGMP cell banking, stability programs, and regulatory support

Having integrated cell line and process development, cell culture manufacturing, formulation development, and vial, syringe, and cartridge filling and finishing means Catalent can offer one set of practices and greater efficiency.



Catalent[®]
BIOLOGICS

more products. better treatments. reliably supplied.™



DEVELOPMENT



DELIVERY



SUPPLY

BIOMANUFACTURING OVERVIEW

MADISON, WI

BIOREACTOR/SCALE Up to 4,000L batches	20L/50L Rocking Bioreactors with Finesse Controllers
	20L/50L WAVE Bioreactors
	100L HyClone Single-Use Bioreactor with Finesse Controllers
	250L HyClone Single-Use Bioreactors with Finesse Controllers
	500L HyClone Single-Use Bioreactors with Finesse Controllers
	1,000L HyClone Single-Use Bioreactors with Finesse Controllers
	2,000L HyClone Single-Use Bioreactors with Finesse Controllers

BLOOMINGTON, IN

BIOREACTOR/SCALE Up to 2,500L batches	50L Sartorius Single-Use Stirred Tank Bioreactor
	50L Sartorius Single-Use Stirred Tank Bioreactor
	200L Sartorius Single-Use Stirred Tank Bioreactor
	200L Sartorius Single-Use Stirred Tank Bioreactor
	600L ABEC Stainless Steel Bioreactor
	2,500L ABEC Stainless Steel Bioreactor

TOTAL SQUARE FOOTAGE/METERS	246,00ft ² / 22,854m ²
TESTING	In process testing (pH, Conductivity, Osmolality), bioreactor nutrients and metabolites, viable cell counts, lot release, stability, characterization, biosimilarity, process validation, extractables/leachables
	Additional samples can be tested by Quality Control
DEVELOPMENT & SUPPORT	Cell line development and process development, bioconjugation, analytical development, formulation development, cGMP cell banking, stability programs, and regulatory support



Investing **~\$100 million** to add 4 x 2,000 liter single-use biomanufacturing capacity in the US.