

Gibco Media Express

Rapid media customization of Gibco or customer formulations

Fast, non-cGMP media production at pilot scale for accelerated testing and scale-up

Our Gibco™ Media Express service offers high-quality custom media to rapidly finalize your formulations before cGMP scale-up. With our responsive customer service and experienced production team, your custom media can be shipped in as few as 10 days after ordering.

- cGMP-qualified raw materials and processes enable a seamless transition to larger cGMP volumes
- Prototyping for bulk process liquids and buffers in single-use bioprocess containers
- Conversion of liquid and powder media to Advanced Granulation Technology™ (AGT™) media



Figure 1. Dedicated facility for small-scale media production.

Table 1. Processes and materials mirror cGMP production, helping to accelerate technology transfer during customer scale-up.

Gibco Media Express: Test and finalize formulation		Technology transfer	cGMP: Clinical- to commercial-scale production	
Feasibility	Gibco Media Express team conducts review of product feasibility and design for manufacturing		Feasibility review team conducts full cGMP feasibility study on custom orders	
Raw materials	cGMP-qualified raw materials; novel raw materials by request		cGMP-qualified raw materials	
Batch records	Full batch record created		Full batch record created	
Equipment	POMS manufacturing execution system (MES) dispensing Lab-scale FitzMill™ equipment, tumble blenders Lab-scale AGT granulator		POMS manufacturing execution system (MES) dispensing cGMP FitzMill equipment, tumble and ribbon blenders Commercial-scale AGT granulator	
Capacity	Liquid: 1–200 L Dry powdered medium (DPM): 1–10 kg AGT medium: 1–8 kg		Liquid: 10–10,000 L Dry powdered medium (DPM): 20–7,500 kg (for DPM) AGT medium: 50–1,500 kg	
QC, analytical	Some tests available for additional fees, including pH, osmolality, sterility, endotoxin		Standard and custom testing available	
Packaging	Standard bottles, BioProcess Containers (BPCs), buckets; custom packaging by request		Standard and custom packaging options available	
Delivery	Liquid, DPM: 2 weeks AGT: 4 weeks (on standard orders)		Liquid, DPM, AGT: 8 weeks New SKUs: 10 weeks	

Gibco Media Express standard capacity and packaging

We can rapidly deliver your media in a variety of formats. Please work with your account manager for custom inquiries.

Table 2. Liquid media and buffers.

Container	Maximum batch size
100 mL bottle	20 L
500 mL bottle	100 L
1,000 mL bottle	200 L
5 L Aegis™ 5-14 BPC	100 L
10 L Aegis5-14 BPC	200 L
20 L Aegis5-14 BPC	200 L
50 L Aegis5-14 BPC	200 L
100 L Aegis5-14 BPC	200 L
200 L Aegis5-14 BPC	200 L
5 L CX5-14 BPC	100 L
10 L CX5-14 BPC	200 L
20 L CX5-14 BPC	200L
50 L CX5-14 BPC	200 L
100 L CX5-14 BPC	200 L
200 L CX5-14 BPC	200 L

Table 3. Dry media formats.

Batch sizes and containers	Dry powder	AGT media
Minimum batch size	1 kg	1 kg
Maximum batch size	10 kg	8 kg
Container	Ropak™ bucket	Ropak bucket
Container sizes	1, 2, 5, or 10 kg	2, 4, 6, or 8 kg

Spotlight on bulk processing liquids

In addition to media prototyping, Gibco Media Express also enables pilot testing of bulk processing liquids in your BioProcess Container (BPC) of choice.

Buffer prototyping is the first step toward gaining the benefits of outsourcing your large-scale cGMP liquids.



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