


## Stick with the industry-trusted leader for your large-scale cell culture media and reagents

Order GIBCO® media and reagents in universal bags from Invitrogen today.


Product	Quantity	Cat. no.
D-PBS without calcium chloride, magnesium chloride, or phenol red	5 L	14190-342
	10 L	14190-359
HBSS without calcium chloride, magnesium chloride, or magnesium sulfate	5 L	14170-195
	10 L	14170-203
D-MEM high glucose with L-glutamine, without sodium pyruvate	5 L	11965-167
	10 L	11965-175
D-MEM high glucose with GlutaMAX™-I, without sodium pyruvate	5 L	10566-032
	10 L	10566-040
D-MEM high glucose, with L-glutamine and sodium pyruvate	5 L	11995-115
	10 L	11995-123
D-MEM high glucose, with GlutaMAX™-I and sodium pyruvate	5 L	10569-069
	10 L	10569-077
RPMI with L-glutamine	5 L	11875-168
	10 L	11875-176
RPMI with GlutaMAX™-I	5 L	61870-143
	10 L	61870-150
D-MEM with L-glutamine and HEPES buffer, without sodium pyruvate	5 L	12430-112
	10 L	12430-120
D-MEM with GlutaMAX™-I and HEPES buffer, without sodium pyruvate	5 L	10564-037
	10 L	10564-045
RPMI Medium 1640 with L-glutamine and HEPES buffer	5 L	22400-147
	10 L	22400-154

Product	Quantity	Cat. no.
RPMI Medium 1640 with GlutaMAX™-I and HEPES buffer	5 L	72400-146
	10 L	72400-153
Distilled water	5 L	15230-253
	10 L	15230-261
SF 900 II with L-glutamine	5 L	10902-161
	10 L	10902-179
D-MEM F-12 with L-glutamine and HEPES	5 L	11330-099
	10 L	11330-107
TrypLE™ Express 1X with phenol red	5 L	12605-093
TrypLE™ Express 1X without phenol red	5 L	12604-054

\* For a copy of the GIBCO® universal bag validation specifications and performance results, contact Invitrogen's Technical Services department. 

For additional information, to place your order, or to request a custom format, formulation, or film construction, please contact Invitrogen Customer Service or visit [www.invitrogen.com/universalbags](http://www.invitrogen.com/universalbags).

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C-Flex® is a registered trademark of Consolidated Polymer Technologies (CPT).  
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## Less Complex, More Flex

Convenient, stocked, pre-filled bags of GIBCO® media and reagents designed for large-scale cell culture flexibility



## GIBCO® media and reagents—now available stocked in flexible packaging

- Conveniently designed for larger-scale work—pre-filled with GIBCO® media and reagents in a variety of formulations and sizes
  - Easily integrated with automated systems—unique, universal design provides multiple connection options on cell culture instrumentation
  - Stocked and ready when you need them—no waiting for custom orders
- Order to today, delivery right away As your cell culture moves from the bench top to larger-scale systems, you'll need access to larger quantities of media, ready-to-deliver in a convenient-to-use format. As the industry leader in cell culture media and reagents, GIBCO® products are

available when you need them. Provided with the highest quality reagents to maximize your results, GIBCO® universal bags are designed with universal tubing connections for easy integration into your automated cell maintenance systems. There's no need to wait four to six weeks for made-to-order bagged media. Just order your media products directly from GIBCO®, pre-filled with 5 or 10 liters in the formulation of your choice in a universal bag (Figure 1). You'll receive your media, ready-to-use, in just a few days. For specially formulated media, simply order the universal bag as a custom product. Our knowledgeable GIBCO® packaging team is available to assist you in designing

packaging configurations for a wide variety of applications to suit your custom needs.

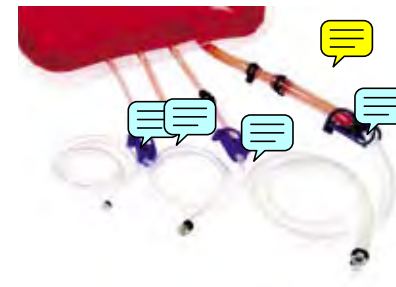
### Flexible, four-port design

GIBCO® universal bags are compatible with four different mechanical connection methods (blood spike, male-threaded luer, female-threaded luer, and MPC™ quick connect) (Figure 2), and provide:

- A versatile media transfer system that maintains a closed system by utilizing three pre-connected C-Flex® tubing transfer lines
- Greater flow rate flexibility through a variety of tubing sizes (1/8" × 1/4", 3/16" × 5/16", and 1/2" × 5/8" [ID × OD])



**Figure 1—Choose your GIBCO® universal bag.** GIBCO® universal bags are available, pre-filled with a selection of GIBCO® media and reagents, in 5- and 10-liter sizes.



**Figure 2—Four-port design.** GIBCO® universal bags have a flexible four-port design offering versatility and convenience. (1) blood spike, (2) male-threaded luer, (3) female-threaded luer, and (4) MPC™ quick connect.

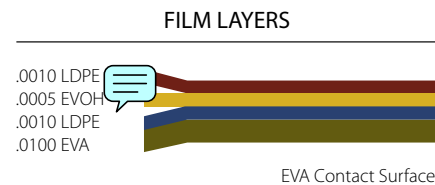
- Compatibility with the most commonly used thermoplastic tubing for sterile and aseptic connection devices

### Animal origin-free contact layer

GIBCO's animal origin-free universal bag film (Solvay™ BF-1400) meets USP Class VI requirements and has an ethylene vinyl acetate (EVA) media contact layer, which has been fully qualified\* and widely used in many cell culture applications (Figure 3). GIBCO's new line of flexible packaging maximizes your ability to utilize and integrate a single-use, disposable container with a variety of automated cell culture instruments, disposable bioreactor systems, and sterile connection processes without the need for costly customization.



**Figure 3—TrypLE™ Express, the gentle, room-temperature stable cell dissociation enzyme available in the universal bag format.**



**Figure 4—Animal-free film design.** Animal origin-free Solvay™ BF-1400 film construction detail