

Corning® 5L Erlenmeyer Flasks

Efficient scale-up of suspension cultures

CORNING

The Corning 5L Erlenmeyer flasks are designed to help scale-up suspension culture with space efficiency in mind. The flasks are sterile and ready-to-use, ideal for shaker culture applications, and storage.

Materials

- ▶ Vessels are constructed from polycarbonate that has been tested and shown to be noncytotoxic. This USP Class VI material provides excellent optical clarity and mechanical strength.
- ▶ Caps are constructed from USP Class VI polypropylene that is free from heavy metals.

Features

- ▶ Available with either baffled or plain bottom
- ▶ Molded-in graduations for accuracy
- ▶ Large vent cap isolates the container it is placed on from the environment while allowing gas exchange and reducing spills.
- ▶ Sterility Assurance Level (SAL) of 10^{-6}
- ▶ RNase-/DNase-free
- ▶ Nonpyrogenic
- ▶ Erlenmeyer flasks are autoclavable once at 121°C, 15 psi for 20 minutes. Repeated autoclaving weakens the flask and is not recommended. Vent cap is not autoclavable.

Safely Fill, Sample, and Empty with Aseptic Transfer Caps

Corning 5L Erlenmeyer flasks with aseptic transfer caps protect against adventitious contamination during liquid transfer. The transfer caps have two ports: a port ending in a 0.2 μm filter and a port with chemically resistant, heat sealable flexible tubing ending in a male polycarbonate quick connect. The dip tube reaches all the way to the bottom of the flask for complete transfer of liquids. The transfer caps are available separately or pre-assembled on plain- or baffled-bottom flasks. All units arrive sterile, individually doubled-bagged, assembled, and ready-to-use.





Corning has a portfolio of over 200 components that can be assembled to your specifications. Contact your Corning Account Manager or Bioprocess Specialist for more information.

Ordering Information

Corning 5L Erlenmeyer Flasks

Cat. No.	Description	Qty/Pk	Qty/Cs
431684	5L Erlenmeyer flask, vent cap, baffled bottom	1	4
431685	5L Erlenmeyer flask, vent cap, plain bottom	1	4
431682	Vent cap for 5L Erlenmeyer flasks	1	24
11501	5L Erlenmeyer flask, aseptic transfer cap, plain bottom	1	2
11502	5L Erlenmeyer flask, aseptic transfer cap, baffled bottom	1	2
11500	Aseptic transfer cap for 5L Erlenmeyer flasks (flask not included)	1	4

For more specific information on claims, visit www.corning.com/certificates.

Warranty/Disclaimer: Unless otherwise specified, all products are for research use or general laboratory use only.* Not intended for use in diagnostic or therapeutic procedures. Not for use in humans. These products are not intended to mitigate the presence of microorganisms on surfaces or in the environment, where such organisms can be deleterious to humans or the environment. Corning Life Sciences makes no claims regarding the performance of these products for clinical or diagnostic applications. *NOTE: The following products and their sterile accessories are considered US class I medical devices: Tissue culture plates, flasks and dishes (area >100 cm²), multilayer flasks, spinner flasks, Erlenmeyer flasks, Corning HYPERFlask[®] vessels, Corning CellSTACK[®] chambers, centrifuge tubes, cell culture tubes, cryogenic vials, roller bottles, microcarrier beads. Falcon IVF products are US class II and CE marked per the EU medical device directive 93/42/EEC.

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