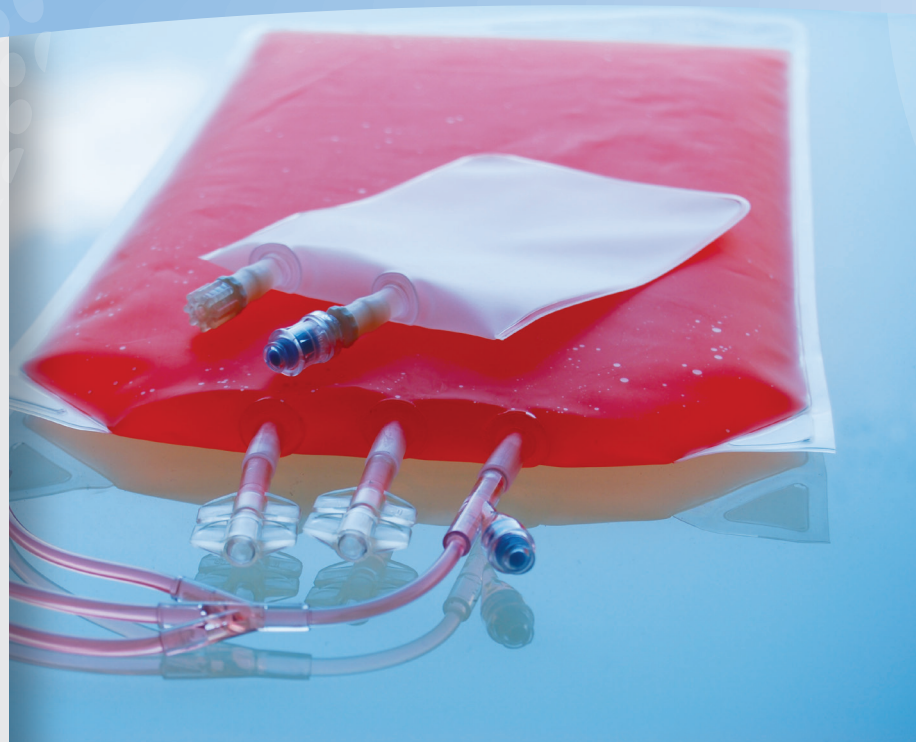


Evolve™ Tissue Culture

The OriGen Evolve™ cell culture bags represent the optimal way to harvest, expand and concentrate critical cell cultures. Made of EVO copolymer, the Evolve™ bag contains no plasticizers or chemical residuals which could leach into and alter cell cultures. The larger size bags have hermetically sealed spike ports.

Evolve™ bags are a closed system, which will reduce the possibility of contamination when compared to using a flask or bottle. The Evolve™ bags are gas permeable and provide a high rate of oxygen and carbon dioxide transfer to cells under culture. Additionally water permeability is very low, so water loss is small and humidified incubators are not required.



For availability in your country, please contact your local distributor.

Evolve™ Tissue Culture

Evolve™ Tissue Culture Flasks

Product Code	Surface Area Store Flat (cm ²)	Volume	Gas Transfer CO ₂ (g)*	Gas Transfer O ₂ (g)*	Gas Transfer H ₂ O (g)*
EV120	130	70-120ml	1093.5	132.89	0.81
EV1000N	300	100-500ml	2491.4	302.78	1.86
EV3000N	750	500-2000ml	6924.7	841.56	5.16

* grams per 24 hours at 25°C

Product Code	Case Qty.	Access Port	Stock/Non-Stock
EV120	20	Luer connection and needle free valve	Non-Stock
EV120+F-M12	20	Luer connection and needle free valve with separate female to male tube set with 12cm of tubing	Stock
EV1000N	12	One male luer with cap, two female luers with caps, and a needle-free injection port	Stock
EV3000N	12	One male luer with cap, two female luers with caps, and a needle-free injection port	Stock

Technical Information

The bag can be safely incubated at 30-40°C.

The Evolve™ bag has greater than 90% optical transmission, making inspection of the contents easy.

Swabable, needle free valves are provided on every bag to preserve sterile access and reduce the chance of needle sticks. These swabable ports maintain sterility of the culture through multiple actuations (white paper available). The bags are sold with either luer connections or tubing sets that may be connected to solution transfer pumps.

The Evolve™ bag is an economical choice for cell culture and expansion.

OriGen
BIOMEDICAL