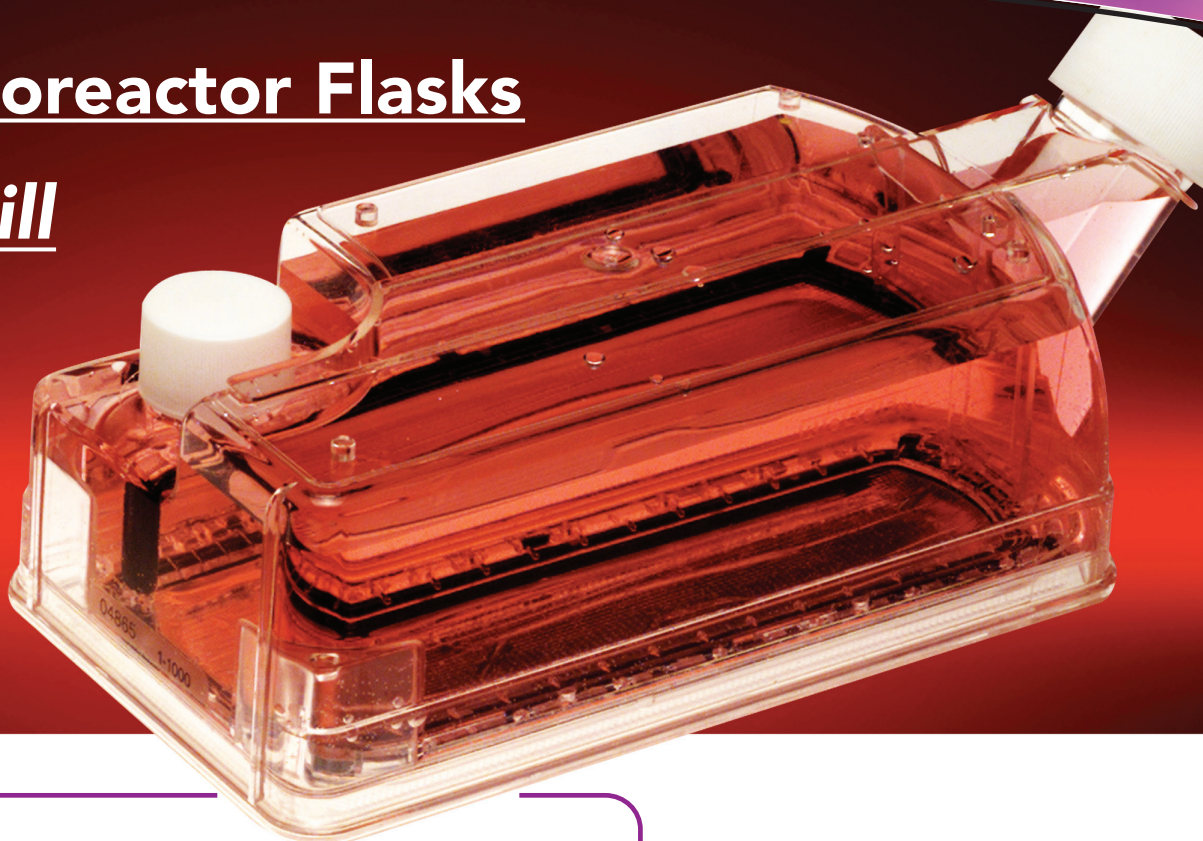




CELLine Bioreactor Flasks

**Are you still
making
antibodies
the old
fashioned
way?**



- Produce 100 - 150mg per flask in 30 days!
- Does not require any stirring or agitation
- Same antibody production as 30 - 225cm T-Flasks
- Less downstream concentration & purification costs
- Reduced need for costly media supplements & additives
- Requires less incubator space
- No more ascites!



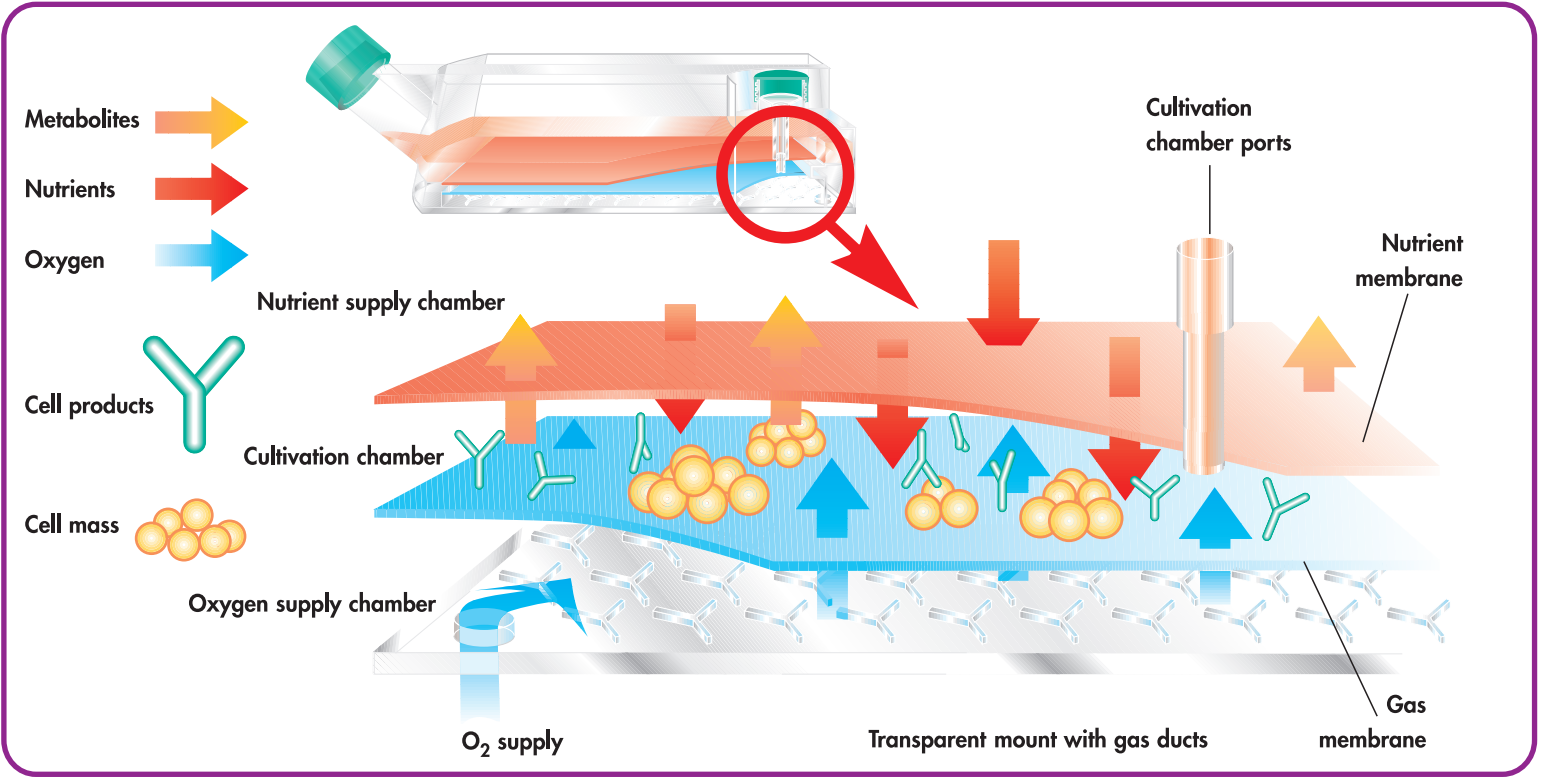
CELLine Classic

Ideal for laboratory scale applications using suspension cells or adherent cells in combination with microcarriers. The unit is optimised for cultivation of hybridomas and many other types (e.g. CHO, NSO, SF cells)

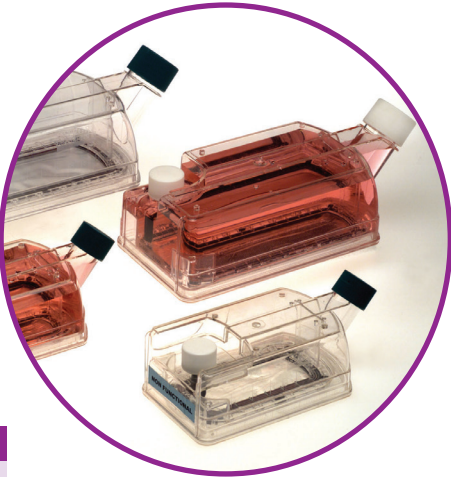
CELLine Adhere

Specifically adapted to allow growth of anchorage-dependent cells. (e.g. HEK, BHK, CHO cells). The bioreactor contains a woven, polyethylene terephthalate (PET) matrix in the cell compartment providing an ideal surface face for cell attachment.

CELLine Bioreactors



CELLine flasks are ideal for monoclonal antibodies and expressed recombinant cellular protein production. Viable in-vitro alternative to using mouse acites, standard cell culture or tissue culture products. Bioreactors utilize innovative membrane technology to separate the cell cultivation area from the media chamber. Cells and cellular-secreted products with MWCO over 10kD are retained between two non-cytotoxic membranes. The upper semi-permeable membrane allows continuous nutrient diffusion and waste elimination. The lower membrane provides direct oxygenation and esnures optimum gas exchange. Seperate ports give access to either media or cell cultivation chamber allowing easy change of expended medium without interference of cell growth, function, or gas exchange.



Cat. No.	Description	Qty.
900 05	CELLine 1000mL Flasks	3/CS
900 10	CELLine 350mL Flasks	5/CS
900 25	CELLine Adhere 1000mL Flasks	3/CS

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