

Cell Culture Consumables

PakGent®

Guidelines For Use

No. : PGCEL2040401E



The cell culture consumables are suitable for the growth and cultivation of eukaryotic cells and also for the storage and microscopy of cells.

They are available as multiwell plates, flasks and dishes with tissue culture-treated (TC) surfaces for adherent cells and untreated surfaces for suspension cells.

PakGent cell culture consumables can be used for training, routine and research laboratories in the areas of life sciences, industry or chemistry.

Comply with cGMP compliant

Material	Up to the standard of USP Class VI materials	
Quality specification	3Q verification, ISO9001, ISO13485	
Laboratory	Own BSL-2 laboratory, each lot of self-testing	
Equipment	Fully automatic, no-man workshop	
Production environment	ISO class 7 clean room	

Surfaces

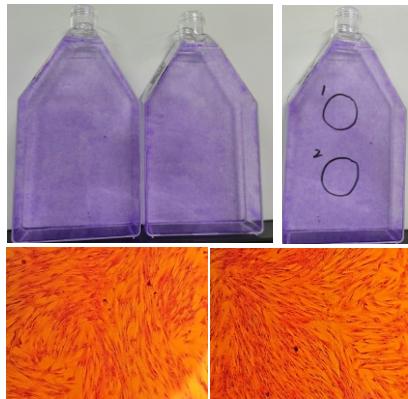
Cell culture-treated

A standard tissue culture (TC) surface modification that makes the polystyrene surface more hydrophilic, thus facilitating maximum adhesion for a broad range of cell types.

Non-treated surface for suspension culture

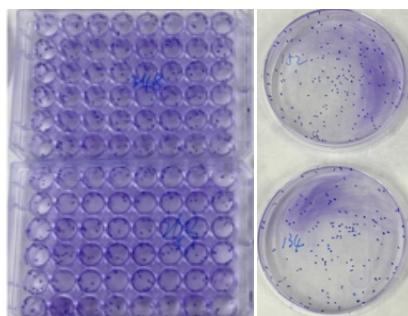
High-quality, optically clear virgin polystyrene with a hydrophobic surface is exceptional for suspension cell culture, and also useful for a variety of biochemical assays.

Cell growth experiment



After 7 days of MRC-5 cells, cell growth confluent to 90%-95%.

After fixation and staining, the cell layer was observed, and the cells looked healthy and the overall growth was relatively uniform.



Cloning rate: 70%

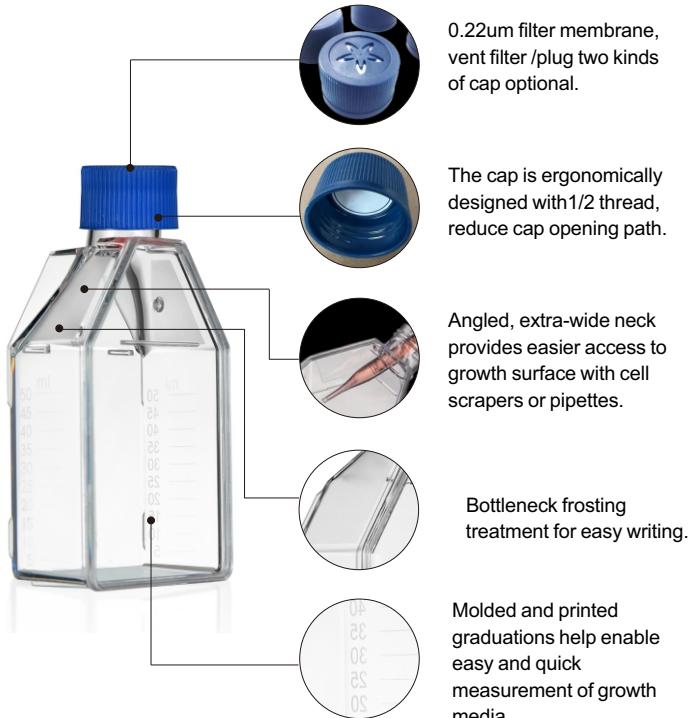
Cloning rate: 77.2%

V79 cells were cultured in an incubator for 5 days, and cells were fixed and stained on the same day after the end of culture. After the samples were dried, the cell clones formed were recorded, and the clone formation rate was calculated.

Cell culture flasks



PakGent® cell culture flasks are designed for culture consistency, cell health, and reproducibility. Choose from a variety of surfaces and sizes with culture areas to suit your specific applications and cell types.



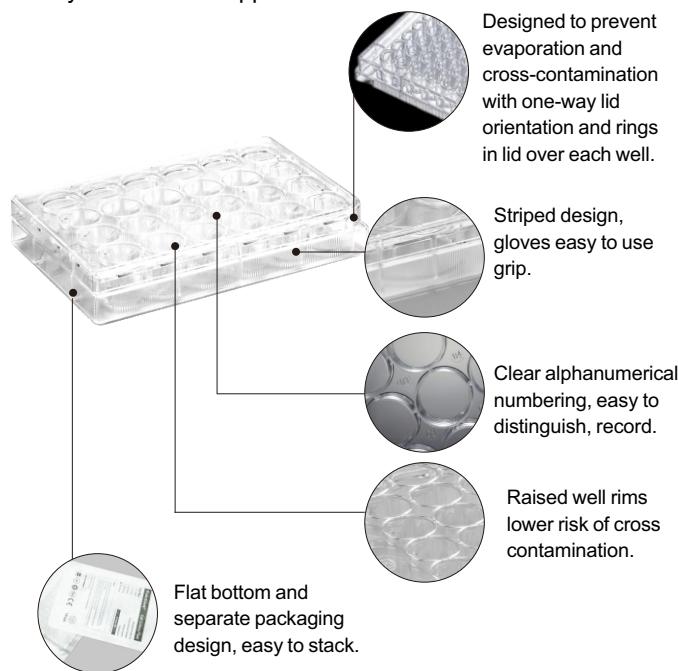
Cell culture flask specifications

Part No.	Volume	Culture area	TC	Cap	Pack
CL-F025P	7ml	25cm ²	✗	Plug Cap	10/bag, 20bags/case
CL-FT025P	7ml	25cm ²	✓	Plug Cap	10/bag, 20bags/case
CL-F025V	7ml	25cm ²	✗	Vent Cap	10/bag, 20bags/case
CL-FT025V	7ml	25cm ²	✓	Vent Cap	10/bag, 20bags/case
CL-F075P	25ml	75cm ²	✗	Plug Cap	5/bag, 20bags/case
CL-FT075P	25ml	75cm ²	✓	Plug Cap	5/bag, 20bags/case
CL-F075V	25ml	75cm ²	✗	Vent Cap	5/bag, 20bags/case
CL-FT075V	25ml	75cm ²	✓	Vent Cap	5/bag, 20bags/case
CL-F175P	55ml	175cm ²	✗	Plug Cap	5/bag, 6bags/case
CL-FT175P	55ml	175cm ²	✓	Plug Cap	5/bag, 6bags/case
CL-F175V	55ml	175cm ²	✗	Vent Cap	5/bag, 6bags/case
CL-FT175V	55ml	175cm ²	✓	Vent Cap	5/bag, 6bags/case
CL-F225P	70ml	225cm ²	✗	Plug Cap	5/bag, 5bags/case
CL-FT225P	70ml	225cm ²	✓	Plug Cap	5/bag, 5bags/case
CL-F225V	70ml	225cm ²	✗	Vent Cap	5/bag, 5bags/case
CL-FT225V	70ml	225cm ²	✓	Vent Cap	5/bag, 5bags/case

Cell culture plates



Choose from a wide range of styles, sizes, and surfaces to suit a variety of cell culture applications.



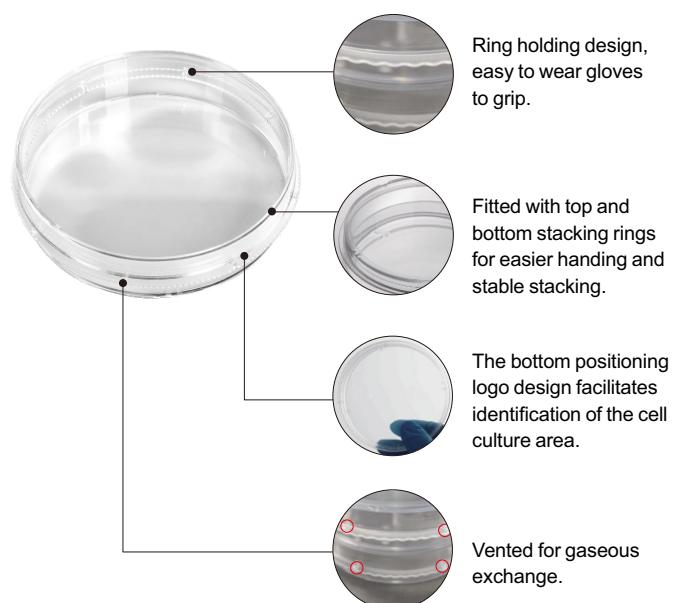
Cell culture plate specifications

Part No.	Well	Volume	Culture area	TC	Pack
CL-P006	6	3ml/well	9.6cm ² /well	✗	Individual pack, 100/case
CL-PT006	6	3ml/well	9.6cm ² /well	✓	Individual pack, 100/case
CL-P012	12	2ml/well	3.5cm ² /well	✗	Individual pack, 100/case
CL-PT012	12	2ml/well	3.5cm ² /well	✓	Individual pack, 100/case
CL-P024	24	1ml/well	1.9cm ² /well	✗	Individual pack, 100/case
CL-PT024	24	1ml/well	1.9cm ² /well	✓	Individual pack, 100/case
CL-P048	48	0.5ml/well	1.1cm ² /well	✗	Individual pack, 100/case
CL-PT048	48	0.5ml/well	1.1cm ² /well	✓	Individual pack, 100/case
CL-P096	96	0.4ml/well	0.34cm ² /well	✗	Individual pack, 100/case
CL-PT096	96	0.4ml/well	0.34cm ² /well	✓	Individual pack, 100/case

Cell culture dishes



Cell culture dishes offer the stable surface for cell proliferation and distortion-free microscopic observation. Protective lids are often supplied and can come vented for consistent gas exchange.



Cell culture dish specifications

Part No.	Volume	Culture area	TC	Specification	Pack
CL-D035	3ml	8.8cm ²	✗	35*10mm	20/bag, 25bags/case
CL-DT035	3ml	8.8cm ²	✓	35*10mm	20/bag, 25bags/case
CL-D060	5ml	21.5cm ²	✗	60*15mm	10/bag, 50bags/case
CL-DT060	5ml	21.5cm ²	✓	60*15mm	10/bag, 50bags/case
CL-D100	12.5ml	56.7cm ²	✗	100*20mm	10/bag, 30bags/case
CL-DT100	12.5ml	56.7cm ²	✓	100*20mm	10/bag, 30bags/case
CL-D150	35ml	145cm ²	✗	150*20mm	5/bag, 20bags/case
CL-DT150	35ml	145cm ²	✓	150*20mm	5/bag, 20bags/case

PakGent®

PakGent Bioscience (Suzhou) Co., Ltd.

Address: No. 9 Lecheng Road, Bixi Street, Changshu, Jiangsu Province, China

Tel: +86 (0) 512 6670 0017

Email: info@pakgentbio.com

Website: www.pakgentbio.com



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