Falcon® Cell Culture Dishes

- Flat, optically clear polystyrene surfaces for distortion-free microscopic visualization of cells
- Uniform surface chemistry created by vacuum-gas plasma treatment promotes cell attachment
- Improved handling of small dishes with the unique Easy-Grip design
- Nonpyrogenic
- Sterilized by gamma irradiation
- Packaged in peel-open, medical-style bags
- Crystal-grade virgin polystyrene
- Standard Tissue Culture (TC), Corning® Primaria™ surface treatment and non-TC-treated polystyrene available

Designed for cell culture

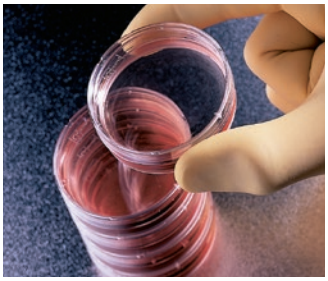
- Flat, distortion-free optics
- Lids designed for optimal gas exchange
- Stacking rings allow for easier stacking and handling
- Vacuum-gas plasma treatment permanently and consistently modifies the cell growth surface
- Standard tissue culture surface is hydrophilic and contains a variety of negatively charged functional groups that support cell attachment and spreading
- Corning Primaria tissue culture surface additionally incorporates nitrogen-containing functional groups and has been shown to support improved attachment, spreading, and differentiation of some cell types

Cell performance tests ensure consistent results

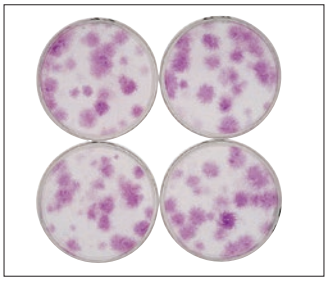
A sensitive clonogenic assay[1] using MRC-5 cells, a diploid human fibroblast line, is used to validate the manufacturing process for each Falcon tissue culture product. Routine testing of standard tissue culture products is performed by testing growth to confluency at 72 hours with MRC-5 cells. The surface chemistry of each lot of Corning Primaria products is confirmed by Electron Scanning for Chemical Analysis (ESCA).

Reference

1. Freshney, R.I., Culture of animal cells: a manual of basic technique, 2d ed., Wiley-Liss, London, p. 83 (1987).



Falcon Easy-Grip Dishes
The unique design and frosted rim improve the handling of small dishes. The ability to pick up a small dish conveniently without accidentally removing the lid allows you to work faster and improves aseptic manipulation.



Tissue Culture Process Validation
Each Falcon tissue culture product is developed using a sensitive clonogenic assay[1]. Shown here is a 35 mm dish with MRC-5 cells stained with crystal violet.

Falcon Cell Culture Dishes Ordering Information

Cat. No.	Actual Coating	Actual Dimensions (mm)	Working Growth Area (cm^2)	Volume (mL)	Qty/Pk	Qty/Cs
35 x 10 mm Easy-Grip						
353001	Standard TC*	40.28 O.D. x 6.17	11.78	2.5-3.0	20	500
353801	Corning Primaria TC	40.28 O.D. x 6.17	11.78	2.5-3.0	20	200
60 x 15 mm Standard**						
353002	Standard TC	54.81 O.D. x 13.26	21.29	6.0-7.0	20	500
353802	Corning Primaria TC	54.81 O.D. x 13.26	21.29	6.0-7.0	20	200
60 x 15 mm Easy-Grip						
353004	Standard TC	52.10 O.D. x 13.13	19.5	6.0-7.0	20	500
100 x 20 mm Standard						
353003	Standard TC	89.43 O.D. x 19.18	58.95	16.0-17.5	20	200
353803	Corning Primaria TC	89.43 O.D. x 19.18	58.95	16.0-17.5	20	200
150 x 25 mm Gridded (20 mm grid molded in base)						
353025	Standard TC	142.57 x 24.77	156.36	45.0-50.0	10	100
60 x 15 mm Center-Well Organ Culture**						
353037	Standard TC	54.84 O.D. x 13.56	2.89	-	20	500

** TC = Tissue Culture*

*** For qualified* In Vitro *Fertilization Dishes, see page 20*

Related Products

- Corning Primaria Cultureware 22
- Falcon IVF Products 20
- Non-Tissue Culture-treated Dishes (bacteriological grade) 44

Tips

- If you work with 35 mm or 60 mm dishes, try our Falcon Easy-Grip Dishes.
- Corning Life Sciences offers dishes for *in vitro* fertilization that are certified nonembryotoxic. Certification is based on a statistically relevant sample taken from each lot that is tested for embryotoxicity. See page 20 for additional information.
- Not treated polystyrene products are equivalent to bacteriological-grade polystyrene products.
- For enhanced cell performance, Corning BioCoat™ Dishes are available with pre-applied matrix proteins and Corning PureCoat™ Dishes are available with synthetic coating. For more information, visit **www.corning.com/lifesciences**.