

CELLSTAR® OneWell Plate™ and FourWell Plate™

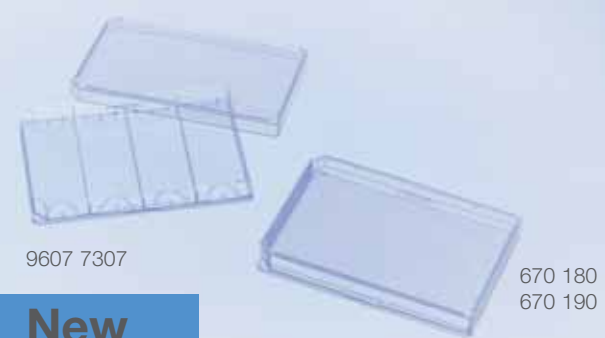
CELLSTAR® OneWell Plate™  
Non-divided plate for tissue culture applications

The new CELLSTAR® OneWell Plate™ can be used if large quantities of cells have to be cultivated. The external dimensions comply with ANSI standards to render the plate suitable for use on a wide range of cell culture and liquid handling systems. With a growth area of 95 cm<sup>2</sup>, the OneWell Plate™ fills the gap between the growth areas of 58 cm<sup>2</sup> (Cat.-No. 664 160) and 143 cm<sup>2</sup> (Cat.-No. 639 160) in the cell culture dish product range. Handling and the required incubator space are improved compared to a round cell culture dish. Notches on the left side of the plate and the lid ensure a secured lid position. The TC-treated version is provided with a proprietary physical surface treatment increasing the hydrophilicity of the plate and facilitating the cultivation of adherent cells. As with all Greiner Bio-One CELLSTAR® products, the CELLSTAR® OneWell Plate™ is made of high grade polystyrene and is guaranteed to be sterile, non-pyrogenic, non-cytotoxic and free of detectable DNase, RNase and human DNA.

Beside general tissue culture applications the CELLSTAR® OneWell Plate™ can be used as a multipurpose liquid container or disposable for the denaturation, hybridisation and washing of membranes (Southern, Northern and Western Blot).

CELLSTAR® FourWell Plate™  
Subdivided plate for microscopic applications

The new CELLSTAR® FourWell Plate™ facilitates the cultivation of cells and the storage of microscopic slides in an HTS - compatible plate complying with the ANSI standard. With its four subdivisions the plate offers space for four individual slides with standard dimensions and enables four parallel experiments. Cells and tissue samples cultivated on these slides can be supplied quickly with fresh media and can be examined directly under a microscope. Thereafter, samples can also be fixed and analysed by immunohisto- and immunocytochemical techniques. Notches on the left side and a numbering of each individual compartment make a laterally reversed usage or confusion of samples impossible. A semicircular recession at the top and at the bottom of each compartment enables easy removal and handling of slides. The two pins at the left and right side of the semicircular recession hinder the microscopic slide to adjoin the outer rim of the plate and to fully cover the recession. This guarantees that the slide can always be removed manually from the compartment even if it adheres to the plate bottom due to capillary forces. Beyond the indicated microscopic applications, the CELLSTAR® FourWell Plate™ can also be used as a liquid container or disposable for the denaturation, hybridisation and washing of membranes (Southern, Northern and Western Blot).



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670 180  
670 190

### OneWell Plate™ FourWell Plate™

CELLSTAR® OneWell Plate™ (non-sterile) for bacteriological applications p. 4 | 4

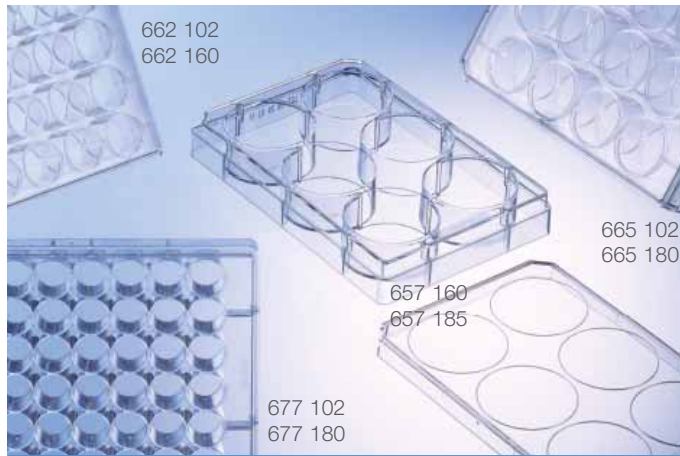
**New**

Free of detectable DNase, RNase, human DNA  
non-pyrogenic

non-cytotoxic

Cat.-No.	670 180	670 190	9607 7307
Description	OneWell Plate™	OneWell Plate™	FourWell Plate™
No. of chambers	1	1	4
Length [mm] x width [mm]	127.8 x 85.5	127.8 x 85.5	127.8 x 85.5
Height [mm]	14.4	14.4	14.4
Total volume [ml]	113.7	113.7	18.6/well
Growth area [cm²]	95	95	-
Notches	+	+	+
TC surface treatment	+	-	-
Sterile	+	+	+
Lid	+	+	+
Quantity per bag/case	8/32	8/32	8/32

## CELLSTAR® Cell Culture Multiwell Plates



## Cell Culture Multiwell Plates

6, 12, 24, 48 Well Format

Cell Culture Inserts p. 1 | 40 ff.

Cell culture multiwell plates are available in the following versions:

- With hydrophilic surface (TC surface treatment) for improved cell adhesion
- With hydrophobic surface for suspension cultures and hybridoma cells

## Properties

- High clarity and low autofluorescence
- Lid enables optimal gas exchange with the lowest possible evaporation
- Single position lids to prevent cross-contamination
- Alphanumeric well coding

- Compatible with common instruments and automated systems. For further information please visit our website.

- Easy-to-open packaging



For applications with larger working volume, a 6 and 12 well ThinCert™Plate with deeper wells is available → p. 1 | 44

Free of detectable  
DNase, RNase,  
human DNA

non-  
cytotoxic

## Cell Culture Multiwell Plates for Adherent Cell Cultures

Cat.-No.	657 160	665 180	662 160	677 180
Well format	6 well	12 well	24 well	48 well
Growth area per well [cm²]	9.6	3.9	1.9	1.0
Working volume per well [ml]	2 – 5	2 – 4	0.5 – 1.5	0.5 – 1
TC surface treatment	+	+	+	+
Sterile	+	+	+	+
Lid	+*)	+*)	+*)	+*)
Quantity per bag/case	1/100	1/100	1/100	1/100

## Cell Culture Multiwell Plates for Suspension Cultures

Cat.-No.	657 185	665 102	662 102	677 102
Well format	6 well	12 well	24 well	48 well
Max. volume per well [ml]	16	6.5	3.3	1.7
TC surface treatment	-/suspension	-/suspension	-/suspension	-/suspension
Sterile	+	+	+	+
Lid	+*)	+*)	+*)	+*)
Quantity per bag/case	1/100	1/100	1/100	1/100

\*) with condensation rings