

BRANDplates® Insert System, BRAND

For manual and automated cell and tissue cultivation

The BRAND Insert System, co-developed with the Fraunhofer Society, includes the choice of two specialized cell culture plates (24-well standard plate and 6-well special version) and two types of cell culture inserts (with or without Inlet Opening System*) which can also be used in combination.

Typical applications for the standard plates are for example co-culture, secretion studies and chemotaxis assays; the special version plates are designed for automated in-vitro preparation of human tissue (3D tissue culture preparation).

BRANDplates®

Cell culture plates for Insert Strips

24-well Standard Plate

The plate includes 24 individually fillable wells that can be fitted with strips of 4 inserts and/or individual inserts.

6-well Specialized Plate

The plate has 4 wells connected as one large, elongated well. This well is fitted with a strip of 4 inserts so that all 4 of the inserts in the strip can be supplied with medium at the same time.

Features

- Innovative special well design with feeding ports arranged at the sides
- Manufactured in compliance with ANSI/SLAS standards 1 and 4
- Sterile pursuant to ISO 11 137 and AAMI directives, SAL 10⁻⁶
- Not cytotoxic pursuant to ISO 10 993-5, free of endotoxins (< 0.01 EU/ml), free of DNA, DNase and RNase

Order information BRANDplates® 24-well Standard Plates or 6-well plates

PS. pureGrade™ S or cellGrade™ plus surface, sterile. Each with lid with condensation rings. Shipping unit = 10 (packed individually, with lid).

Article	Surface	Order No.	PU pc/Pack
24-well standard plate	pureGrade™ S	10 49 82880	10
6-well plate	pureGrade™ S	10 49 82881	10
24-well standard plate	cellGrade™ plus	10 49 82890	10
6-well plate	cellGrade™ plus	10 49 82891	10

BRANDplates® insert strips and insert system

Inserts for the cell culture plates, smooth-walled inserts or inserts with Inlet Opening System*

Smooth-walled inserts

With smooth walls, for standard applications such as secretion studies, co-cultivation, migration studies, chemotaxis tests, etc.

Cell culture inserts with special Inlet Opening System*

Inlet Opening System with special inlet channels, for automated in vitro preparation of human tissues. The Inlet Opening System* enables rapid, consistent changing of media, from submersion culture to air-lift culture. The special inlet channels enable adjustment of the medium level without damage to the tissue model.

* Patent pending

Features

- Track-etched PC and PET membranes
- 4 different pore sized
- Hanging inserts
- With guiding ridges for safe positioning in the plates
- Sterile pursuant to ISO 11 137 and AAMI directives, SAL 10⁻⁶
- Not cytotoxic pursuant to ISO 10 993-5, free of endotoxins (< 0.01 EU/ml), free of DNA, DNase and RNase

Insert Strips and plates packed individually or in a system (6-well plates filled with 6 Insert Strips).

BRANDplates® Insert Strips smooth-walled or strips with Inlet Opening System*

PS. cellGrade™ plus surface, sterile. Strips of 4 inserts each (separable). Shipping unit = 12 strips, packaged individually.

Version	Pore size µm	PU pc/ Pack	Membrane PC membrane Order No.	PET membrane Order No.
smooth-walled	0.4	12	10 49 82800	10 49 82810
① smooth-walled	1	12	10 49 82820	
smooth-walled	3	12	10 49 82840	
smooth-walled	8	12	10 49 82860	10 49 82870
① Inlet Opening System	0.4	12	10 49 82801	10 49 82811
① Inlet Opening System	1	12	10 49 82821	
Inlet Opening System	3	12	10 49 82841	
Inlet Opening System	8	12	10 49 82861	10 49 82871

* Patent pending



BRANDplates® insert system, 6-well plates filled with 6 insert strips

PS. cellGrade™ plus surface, sterile. Insert Strips, smooth-walled or with Inlet Opening System*. Each with lid with condensation rings. Shipping unit = 5 (30 strips).

Version	Pore size µm	PU pc/ Pack	Membrane PC membrane Order No.	PET membrane Order No.
smooth-walled	0.4	5	10 49 82802	10 49 82812
smooth-walled	1	5	10 49 82822	
smooth-walled	3	5	10 49 82842	
smooth-walled	8	5	10 49 82862	10 49 82872
Inlet Opening System 0.4		5	10 49 82803	10 49 82813
Inlet Opening System 1		5	10 49 82823	
Inlet Opening System 3		5	10 49 82843	
Inlet Opening System 8		5	10 49 82863	10 49 82873

* Patent pending

