

BRANDplates[®] microplates

Modern research methods require high-quality disposables. BRANDplates[®], microplates from BRAND, can be used in all important fields of life science.

BRAND has applied its decades of experience in premium-quality molding of lab plastic consumables from pipette tips to volumetric plasticware to cuvettes to the challenges of microplate design. Plates are designed to minimize cross-contamination, ensure excellent recovery, and to offer many options in color, well-count, surface-treatment and well-shape.

For this comprehensive line, nine different surfaces have been developed under state of the art production conditions.

The product line covers a multitude of standard applications (e.g., homogenous assays, screenings) as well as applications in the fields of immunology and cell culture technique.

Non-treated surfaces

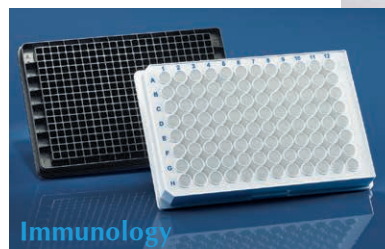
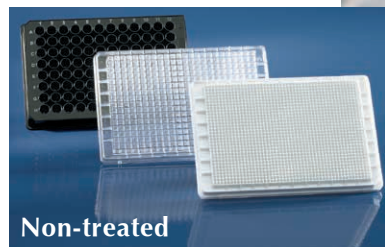
pureGrade[™]
pureGrade[™] S

Immunology surfaces

immunoGrade[™]
hydroGrade[™]
lipoGrade[™]

Cell culture surfaces

cellGrade[™]
cellGrade[™] plus
cellGrade[™] premium
inertGrade[™]



A comprehensive, premium-quality line of plates for cell culture and immunoassay.



BRANDplates® microplates

Surfaces

BRANDplates® microplates are offered with nine different surfaces. In addition to the two non-treated variants, there are three immunological types, and four different surfaces for cell culture applications available.

The surface modifications of the microplates are generated via a physical-chemical process that creates stable surfaces. All BRANDplates® microplates can be stored at room temperature.

Non-treated surfaces

pureGrade™	non-treated, "medium binding," non-sterile
pureGrade™ S	non-treated, "medium binding," sterile

Immunoassay surfaces

immunoGrade™	ideal for immobilization of IgG, "high binding," non-sterile
hydroGrade™	hydrophilic, ideal for immobilization of hydrophilic molecules, non-sterile
lipoGrade™	hydrophobic, ideal for immobilization of hydrophobic molecules, non-sterile

Cell culture surfaces

cellGrade™	standard tissue culture surface for the cultivation of adherent cell lines, sterile
cellGrade™ plus	surface for the cultivation of fastidious adherent cells making serum-reduced cultivation possible, sterile
cellGrade™ premium	surface treatment with similar properties to poly-D-lysine, serum-reduced or serum-free cultivation is possible, sterile
inertGrade™	surface that inhibits adhesion of cells, e.g., and reduces protein adsorption for cultivation of suspension and stem cells, sterile

Microplate Samples

Given the broad range of plates available, we would like to provide maximum assistance in the selection of the optimum plate for your application.

Once you have used the Selection Guide on our website www.brandtech.com/plateselection to narrow down the product range according to your criteria, you can use the technical information data to find the chemical resistance of the materials and the plate dimensions for setting of your instruments.

Even with this information, you may still not be sure which of the

BRANDplates® microplates would be the best for your specific application. For example, when you are establishing a new ELISA, and you may want to test which surface will immobilize the molecule best. Or maybe you are working with a new cell line and would like to determine on which surface the cells grow best. There is no substitute for direct experience. Feel free to request samples without cost or obligation! We would be glad to provide you information and recommend an appropriate plate for your assay.

Barcodes

BRAND can provide high-quality barcode labeling in small plate quantities. Visit www.brandtech.com for a barcode specification form.



ANSI-/SLAS-Standard

BRANDplates® microplates are manufactured according to the ANSI-/SLAS-standards 1 to 4 - 2004, to ensure compatibility for all processes, especially when automation is involved.

BRANDplates® microplates

Colors, wells and shapes

Non-treated surfaces

Immunoassay surfaces

Cell culture surfaces

- Standard, or transparent bottom
- Transparent, white or black
- Different bottom shapes: U-, V-, F-, C-bottom for 96-well format
- Free from endotoxins, DNase, DNA, RNase; non-cytotoxic

Non-treated surfaces

- 96-, 384-, and 1536-well formats
- Strip Plates available with and without grid
- Sterile and non-sterile
- Clearly distinguishable via color code: **gray** embossed alphanumeric coding for 96-well standard plates in white or black

Immunoassay surfaces

- 96- and 384-well formats
- Strip plates available with and without grids
- Modification via a physical-chemical process, good shelf life at room temperature
- Clearly distinguishable through the color code: **blue** embossed alphanumeric coding for 96-well standard plates

Cell culture surfaces

- 96-, 384-, and 1536-well formats
- Sterile according to Ph. Eur. and USP 29, SAL 10⁻⁶
- Clearly distinguishable through the color code: **orange** embossed alphanumeric coding for 96-well standard plates

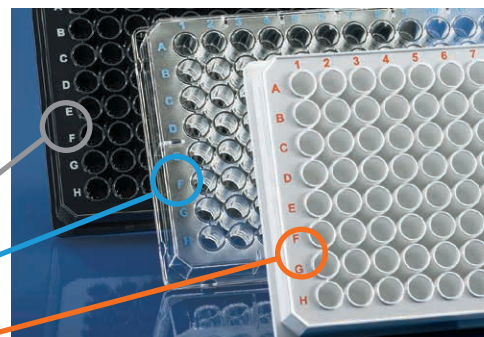
Color Codes—96-well plates

To enable an easy identification of the surface type and to facilitate the legibility of the alphanumeric coding BRANDplates® microplates in the 96-well standard format have a color-coded embossing.

Gray Coded Non-treated microplates for the most diversified applications

Blue Coded Microplates for immunoassays such as ELISA, RIA, FIA, etc

Orange Coded Microplates for cell culture applications



Online plate selection guide

Use BRAND's online plate-selection guide at www.brandtech.com/plateselection to select the right plate for your needs.

BRANDplates® - Selection Guide

With the new BRANDplates® Selection Guide you can find for each application the right plate quickly and effectively!

>> BRANDplates® Selection Guide - How to use >>

Cavities	Material	Type	Color
<input checked="" type="checkbox"/> all	<input checked="" type="checkbox"/> all	<input checked="" type="checkbox"/> all	<input checked="" type="checkbox"/> all
<input type="checkbox"/> 96-well	<input type="checkbox"/> PS	<input type="checkbox"/> Standard ¹⁾	<input type="checkbox"/> transparent
<input type="checkbox"/> 384-well		<input type="checkbox"/> Transp. Bottom	<input type="checkbox"/> white
<input type="checkbox"/> 1536-well			<input type="checkbox"/> black

Surface	Bottom type	Sterility
<input checked="" type="checkbox"/> all	<input checked="" type="checkbox"/> all	<input checked="" type="checkbox"/> all
<input type="checkbox"/> Not treated plates	<input type="checkbox"/> U	<input type="checkbox"/> sterile
<input type="checkbox"/> pureGrade™	<input type="checkbox"/> V	<input type="checkbox"/> not sterile
<input type="checkbox"/> pureGrade™ S	<input type="checkbox"/> F	
<input type="checkbox"/> Immune analytic plates	<input type="checkbox"/> C	
<input type="checkbox"/> immunoGrade™		
<input type="checkbox"/> hydroGrade™		
<input type="checkbox"/> lipoGrade™		
<input type="checkbox"/> Cell culture plates		
<input type="checkbox"/> inertGrade™		
<input type="checkbox"/> cellGrade™		
<input type="checkbox"/> cellGrade™ plus		
<input type="checkbox"/> cellGrade™ premium		

114 Plates found

Show plates Reset selection

Alternative applicational search

¹⁾ Standard = massive, solid plate

Here you can get more information about BRAND microplates.

BRANDplates® microplates

Accessories**Lids**

To protect samples, reaction batches or cell cultures from both contamination and evaporation, compatible lids are available for all BRANDplates® microplates. The lids are made of crystal-clear polystyrene. They are optimally matched to the corresponding BRANDplates® microplates, so that plates with lids can also be stacked. The cut-corner sets the orientation of the lid. For 96-well standard plates, lids with condensation rings are available.

ORDERING INFORMATION: Lids

Condensation Rings	Height	Sterile	Cat. No.	2014 List Price
Lids for 96-well standard plates: pack of 100 lids (5 lids per bag)				
Yes	8mm	No	782150	\$164.00
No	8mm	No	782151	164.00

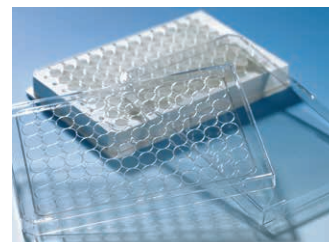
For BRANDplates® microplates Cat. No. ranges: 781600-08, 781660-68, 781720-29, 781780-89, 781840-49, 781900-09, 781960-68, 782022-28, 782082-88

Condensation Rings	Height	Sterile	Cat. No.	2014 List Price
Lids for 96-well plates with transparent bottom/Lids for all 384-well plates: pack of 50 lids (10 lids per bag)				
No	4.5mm	No	782152	\$107.00

For BRANDplates® microplates Cat. No. ranges: 781610-28, 781670-88, 781731-42, 781800-02, 781850-67, 781910-27, 781970-87, 782030-47, 782090, 782107

Condensation Rings	Height	Sterile	Cat. No.	2014 List Price
Lids for all 1536-well plates: pack of 50 lids (10 lids per bag)				
No	5.5mm	No	782153	\$107.00

For BRANDplates® microplates Cat. No. ranges: 781640-42, 781700-02, 782000-02



Lids for microplates

**Sealing films, Self-adhesive**

In case the microplates need not only to be covered, but also securely sealed, self-adhesive sealing films are available. These film sheets can be easily applied on the plates and removed without the use of expensive equipment. They are available in different versions and are especially well-suited for storage or cell- and tissue-culture.

**Roller**

The self-adhesive films can be securely and easily applied with a roller. The hard rubber roller ensures that the film is attached to the plate with a uniform pressure. The rugged handle with comfort-grip lessens fatigue.

ORDERING INFORMATION: Sealing films, Self-adhesive

Application	Description	Material	Pack of	Cat. No.	2014 List Price
ELISA, PCR	single film	polypropylene	100 sheets	781390	\$435.00
ELISA, Real-Time PCR	single film, highly transparent	Polyester	100 sheets	781391	293.00
Cold storage	roll with 100 sheets	aluminum	1 roll	781380	273.00
Cold storage	single film	aluminum	100 sheets	781381	218.00
Cell and tissue culture	single film, gas-permeable	rayon	100 sheets	701364	215.00
Cell and tissue culture	single film, gas-permeable, sterile	rayon	50 sheets	701365	143.00
Storage	single film, DMSO-resistant	polypropylene	100 sheets	701367	316.00
Automation	single film	PE/PP	50 sheets	701370	245.00
Storage, fluorescence measurements	single film	vinyl	50 sheets	701371	87.00
Luminescence measurements	single film	vinyl	50 sheets	701372	70.00
Roller for sealing films				701380	65.00

BRANDplates® microplates at a Glance

96-well Microplates

Type		Non-treated		Immunological surfaces			Cell culture surfaces			
Standard		pureGrade™	pureGrade™ S	immunoGrade™	hydroGrade™	lipoGrade™	cellGrade™	cellGrade™ plus	cellGrade™ premium	inertGrade™
Color	Bottom / Well volume									
transparent	U / 330µL	781600	781660	781720	781780	781840	781960	—	—	781900
transparent	V / 360µL	781601	781661	781721	—	781841	781961	—	—	—
transparent	F / 350µL	781602	781662	781722	781782	781842	781962	782022	782082	781902
transparent	C / 350µL	781603	781663	781723	781783	781843	781963	—	—	—
white	U / 330µL	781604	—	781724	781784	781844	—	—	—	781904
white	F / 350µL	781605	781665	—	—	—	781965	782025	782085	781905
white	C / 350µL	—	—	781726	781786	781846	—	—	—	781906
black	U / 330µL	781607	—	781727	781787	781847	—	—	—	781907
black	F / 350µL	781608	781668	—	—	—	781968	782028	782088	781908
black	C / 350µL	—	—	781729	781789	781849	—	—	—	781909
With transparent bottom		pureGrade™	pureGrade™ S	immunoGrade™	hydroGrade™	lipoGrade™	cellGrade™	cellGrade™ plus	cellGrade™ premium	inertGrade™
white	F / 330µL	781610	781670	—	—	781850	781970	782030	782090	781910
black	F / 330µL	781611	781671	781731	—	781851	781971	782031	782091	781911
Strip plates		pureGrade™	pureGrade™ S	immunoGrade™	hydroGrade™	lipoGrade™	cellGrade™	cellGrade™ plus	cellGrade™ premium	inertGrade™
transparent, without grid	F / 360µL	782300	—	782305	—	—	—	—	—	—
transparent, with grid	F / 350µL	782301	—	782306	—	—	—	—	—	—

384-well HTS Microplates

Type		Non-treated		Immunological surfaces			Cell culture surfaces			
Standard		pureGrade™	pureGrade™ S	immunoGrade™	hydroGrade™	lipoGrade™	cellGrade™	cellGrade™ plus	cellGrade™ premium	inertGrade™
Color	Bottom / Well volume									
transparent	F / 100µL	781620	781680	781740	781800	781860	781980	782040	782100	—
white	F / 100µL	781621	781681	781741	781801	781861	781981	—	—	—
black	F / 100µL	781622	781682	781742	781802	781862	781982	—	—	—
With transparent bottom		pureGrade™	pureGrade™ S	immunoGrade™	hydroGrade™	lipoGrade™	cellGrade™	cellGrade™ plus	cellGrade™ premium	inertGrade™
White	F / 120µl	781626	781686	—	—	781866	781986	782046	782106	—
Black	F / 120µl	781627	781687	—	—	781867	781987	782047	782107	—

1536-well UHTS Microplates

Type		Non-treated		Immunological surfaces			Cell culture surfaces			
Standard		pureGrade™	pureGrade™ S	immunoGrade™	hydroGrade™	lipoGrade™	cellGrade™	cellGrade™ plus	cellGrade™ premium	inertGrade™
Color	Bottom / Well volume									
transparent	F / 10µL	781640	781700	—	—	—	782000	—	—	—
white	F / 10µL	781641	781701	—	—	—	782001	—	—	—
black	F / 10µL	781642	781702	—	—	—	782002	—	—	—

Interactive Selection Guide with more information about BRANDplates® microplates available at www.brandtech.com.

For plate selection guide go to www.brandtech.com/plateselection

Non-treated BRANDplates® for General Applications

pureGrade™

Non-treated surface, “medium binding” non-sterile

- The standard plate for most applications.
- PS.
- Particularly applicable for homogeneous assays, screening, and for storage.
- Strip plates available.

ORDERING INFORMATION: pureGrade™

Color	Bottom	Well volume	Cat. No.	2014 List Price
96-well standard microplates: pack of 100 plates (20 stacks of 5 plates; 1 lid per stack)				
transparent	U-bottom	330µL	781600	\$131.00
transparent	V-bottom	360µL	781601	131.00
transparent	F-bottom	350µL	781602	131.00
transparent	C-bottom	350µL	781603	131.00
white	U-bottom	330µL	781604	230.00
white	F-bottom	350µL	781605	230.00
black	U-bottom	330µL	781607	230.00
black	F-bottom	350µL	781608	230.00
96-well transparent bottom microplates: pack of 100 plates (4 bags of 25 plates)				
white	F-bottom	330µL	781610	640.00
black	F-bottom	330µL	781611	640.00
Strip plates: 100 plates (4 bags of 25 plates)				
Transparent, without grid, strips of 8 wells, not divisible				
	F-bottom	360µL	782300	823.00
Transparent, with grid, strips of 8 wells, divisible				
	F-bottom	350µL	782301	878.00
384-well standard microplates: pack of 50 plates (5 bags of 10 plates)				
transparent	F-bottom	100µL	781620	98.00
white	F-bottom	100µL	781621	211.00
black	F-bottom	100µL	781622	211.00
384-well transparent bottom microplates: pack of 50 plates (2 bags of 25 plates)				
white	F-bottom	120µL	781626	507.00
black	F-bottom	120µL	781627	507.00
1536-well standard microplates: pack of 50 plates (5 bags of 10 plates)				
transparent	F-bottom	10µL	781640	992.00
white	F-bottom	10µL	781641	1,009.00
black	F-bottom	10µL	781642	1,009.00

pureGrade™ S

Non-treated surface, “medium binding” sterile

- Sterilized via β-radiation.
- PS.
- Especially suited for bacteriological assays, screening, and for storage.

ORDERING INFORMATION: pureGrade™ S

Color	Bottom	Well volume	Cat. No.	2014 List Price
96-well standard microplates: pack of 50 plates (individually wrapped, with lid)				
transparent	U-bottom	330µL	781660	\$113.00
transparent	V-bottom	360µL	781661	113.00
transparent	F-bottom	350µL	781662	113.00
transparent	C-bottom	350µL	781663	113.00
white	F-bottom	350µL	781665	251.00
black	F-bottom	350µL	781668	251.00
96-well transparent bottom microplates: pack of 50 plates (individually wrapped, with lid)				
white	F-bottom	330µL	781670	592.00
black	F-bottom	330µL	781671	592.00
384-well standard microplates: pack of 50 plates (individually wrapped, with lid)				
transparent	F-bottom	100µL	781680	173.00
white	F-bottom	100µL	781681	259.00
black	F-bottom	100µL	781682	259.00
384-well transparent bottom microplates: pack of 50 plates (individually wrapped, with lid)				
white	F-bottom	120µL	781686	781.00
black	F-bottom	120µL	781687	781.00
1536-well standard microplates: pack of 50 plates (individually wrapped, with lid)				
transparent	F-bottom	10µL	781700	1,191.00
white	F-bottom	10µL	781701	1,213.00
black	F-bottom	10µL	781702	1,213.00

Strip Plates 12 x F8 pureGrade™ & immunoGrade™

Offer greater flexibility. Use only as many wells as necessary. Available in two styles, without grid and with grid. **Without grid:** individual strip can be removed from the frame and reinserted, the strips are not divisible.

With grid: individual strips can be removed from the plate and reinserted, the strips can be divided into 8 individual vessels and inserted individually into the frame plate.

BRANDplates® microplates for Immunoassays

Suitable for ELISA, RIA, FIA and other immune testing

immunoGrade™

Optimized for the immobilization of IgG

- Optimized for the immobilization of IgG, offering highest binding capacity for molecules with mixed hydrophilic and hydrophobic regions.
- The surface of choice for the majority of standard ELISAs.
- Suitable for solid phase immunoassays.
- “high-binding.”
- PS, non-sterile.
- Strip plates available.

ORDERING INFORMATION: immunoGrade™

Color	Bottom	Well volume	Cat. No.	2014 List Price
96-well standard microplates: pack of 100 plates (20 stacks of 5 plates; 1 lid per stack)				
transparent	U-bottom	330µL	781720	\$218.00
transparent	V-bottom	360µL	781721	218.00
transparent	F-bottom	350µL	781722	218.00
transparent	C-bottom	350µL	781723	288.00
white	U-bottom	330µL	781724	342.00
white	C-bottom	350µL	781726	342.00
black	U-bottom	330µL	781727	342.00
black	C-bottom	350µL	781729	342.00
96-well transparent bottom microplates: pack of 100 plates (20 stacks of 5 plates; 1 lid per stack)				
black	F-bottom	330µL	781731	678.00
384-well standard microplates: pack of 50 plates (10 stacks of 5 plates; 1 lid per stack)				
Transparent	F-bottom	100µL	781740	209.00
white	F-bottom	100µL	781741	209.00
black	F-bottom	100µL	781742	209.00
Strip Plates 12 x F8: 100 plates (4 bags of 25 plates)				
transparent, without grid, strips of 8 wells, not divisible				
	No	360µL	782305	823.00
transparent, with grid, strips of 8 wells, divisible				
	Yes	350µL	782306	878.00

hydroGrade™

For the immobilization of hydrophilic molecules

- Strongly hydrophilic, with high affinity to hydrophilic molecules, such as glycoproteins and peptides, antibodies with predominantly hydrophilic regions, and nucleic acids.
- An alternative to the immunoGrade™ surface when performing solid phase assays.
- Alternative for homogeneous assays with hydrophobic molecules that remain in solution.
- PS, non-sterile.
- For solid phase with hydrophilic molecules and liquid phase with hydrophobic molecules, respectively.

ORDERING INFORMATION: hydroGrade™

Color	Bottom	Well volume	Cat. No.	2014 List Price
96-well standard microplates: pack of 100 plates (20 stacks of 5 plates; 1 lid per stack)				
transparent	U-bottom	330µL	781780	\$226.00
transparent	F-bottom	350µL	781782	226.00
transparent	C-bottom	350µL	781783	226.00
white	U-bottom	330µL	781784	429.00
white	C-bottom	350µL	781786	429.00
black	U-bottom	330µL	781787	429.00
black	C-bottom	350µL	781789	429.00
384-well standard microplates: pack of 50 plates (10 stacks of 5 plates; 1 lid per stack)				
transparent	F-bottom	100µL	781800	250.00
white	F-bottom	100µL	781801	326.00
black	F-bottom	100µL	781802	326.00



BRANDplates® microplates for Immunoassays

lipoGrade™

For the immobilization of hydrophobic molecules

- Strongly hydrophobic (lipophilic), for immobilization of biomolecules with predominantly hydrophobic regions.
- An alternative to the immunoGrade™ surface for the immobilization of molecules such as lipoproteins or peptides.
- Specially suited for liquid phase assays when the reaction component should stay in solution. The majority of hydrophilic biomolecules are not immobilized on this surface.
- PS, non-sterile.
- For solid phase with hydrophobic molecules and liquid phase with hydrophilic molecules, respectively.

ORDERING INFORMATION: lipoGrade™

Color	Bottom	Well volume	Cat. No.	2014 List Price
96-well standard microplates:				
pack of 100 plates (20 stacks of 5 plates; 1 lid per stack)				
transparent	U-bottom	330µL	781840	\$145.00
transparent	V-bottom	360µL	781841	145.00
transparent	F-bottom	350µL	781842	145.00
transparent	C-bottom	350µL	781843	145.00
white	U-bottom	330µL	781844	314.00
white	C-bottom	350µL	781846	314.00
black	U-bottom	330µL	781847	314.00
black	C-bottom	350µL	781849	314.00

96-well transparent bottom microplates:

pack of 100 plates (20 stacks of 5 plates; 1 lid per stack)

white	F-bottom	330µL	781850	678.00
black	F-bottom	330µL	781851	678.00

384-well standard microplates:

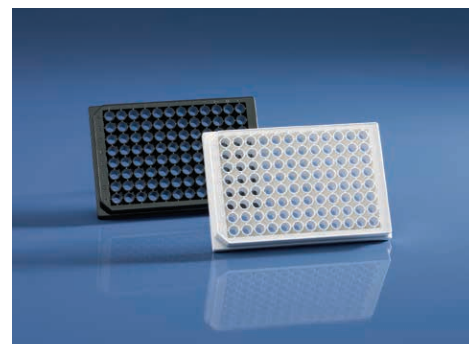
pack of 50 plates (10 stacks of 5 plates; 1 lid per stack)

transparent	F-bottom	100µL	781860	179.00
white	F-bottom	100µL	781861	266.00
black	F-bottom	100µL	781862	266.00

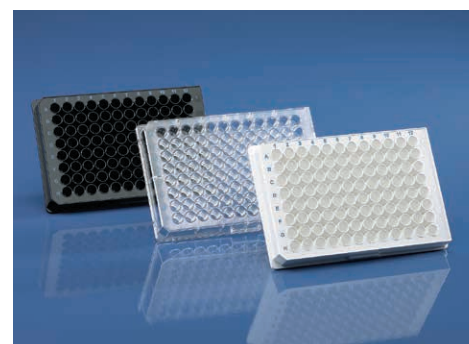
384-well transparent bottom microplates:

pack of 50 plates (10 stacks of 5 plates; 1 lid per stack)

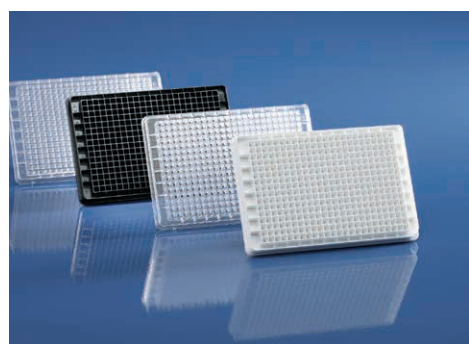
white	F-bottom	120µL	781866	547.00
black	F-bottom	120µL	781867	547.00



96-well transparent bottom microplates



96-well standard-volume microplates



384-well standard-volume microplates

BRANDplates[®] microplates for Cell Culture

cellGrade™

For the cultivation of adherent cell lines

- Standard-volume, sterile plates for the cultivation of adherent cell lines.
- Surface with different chemical groups, such as carboxyl and hydroxyl groups, that are freely accessible.
- Surface is hydrophilic compared with non-treated PS.
- Serum components are easily bound onto the freely accessible chemical groups, allowing an indirect adhesion of cells.
- PS, sterile.

ORDERING INFORMATION: cellGrade™

Color	Bottom	Well volume	Cat. No.	2014 List Price
96-well standard microplates: pack of 50 plates (individually wrapped, with lid)				
transparent	U-bottom	330µL	781960	\$135.00
transparent	V-bottom	360µL	781961	135.00
transparent	F-bottom	350µL	781962	135.00
transparent	C-bottom	350µL	781963	135.00
white	F-bottom	350µL	781965	155.00
black	F-bottom	350µL	781968	155.00
96-well transparent bottom microplates: pack of 50 plates (individually wrapped, with lid)				
white	F-bottom	330µL	781970	435.00
black	F-bottom	330µL	781971	435.00
384-well standard microplates: pack of 50 plates (individually wrapped, with lid)				
transparent	F-bottom	100µL	781980	170.00
white	F-bottom	100µL	781981	190.00
black	F-bottom	100µL	781982	190.00
384-well transparent bottom microplates: pack of 50 plates (individually wrapped, with lid)				
white	F-bottom	120µL	781986	640.00
black	F-bottom	120µL	781987	640.00
1536-well standard microplates: pack of 50 plates (individually wrapped, with lid)				
transparent	F-bottom	10µL	782000	975.00
white	F-bottom	10µL	782001	1,028.00
black	F-bottom	10µL	782002	1,028.00

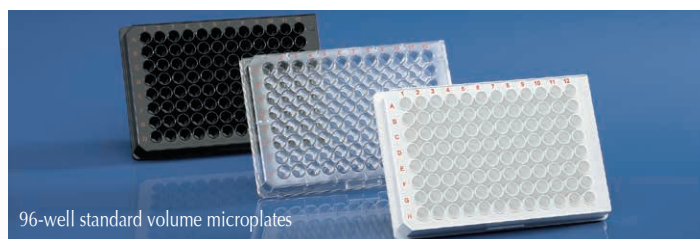
cellGrade™ plus

For reduced-serum media cultivation of cells

- For cultivation of fastidious cell lines.
- In addition to carboxyl and hydroxyl chemical groups, free amino groups are present on the surface.
- The surface has a protein-like composition, so cells can directly attach and spread out.
- Cells adhere faster leading to better rate of yield.
- Sensitive cell lines can be cultivated.
- Suited for serum-reduced cultivation of cells.
- PS, sterile.

ORDERING INFORMATION: cellGrade™ plus

Color	Bottom	Well volume	Cat. No.	2014 List Price
96-well standard microplates: pack of 50 plates (individually wrapped, with lid)				
transparent	F-bottom	350µL	782022	\$220.00
white	F-bottom	350µL	782025	447.00
black	F-bottom	350µL	782028	447.00
96-well transparent bottom microplates: pack of 50 plates (individually wrapped, with lid)				
white	F-bottom	330µL	782030	420.00
black	F-bottom	330µL	782031	420.00
384-well standard microplates: pack of 50 plates (individually wrapped, with lid)				
transparent	F-bottom	100µL	782040	365.00
384-well transparent bottom microplates: pack of 50 plates (individually wrapped, with lid)				
white	F-bottom	120µL	782046	619.00
black	F-bottom	120µL	782047	619.00



BRANDplates® microplates for Cell Culture

cellGrade™ premium

Poly-D-Lysine-equivalent surface

- Poly-D-Lysine-equivalent surface, with analogous results regarding growth performance and cell morphology.
- Optimal adhesion of cells to the surface reduces cell damage when washing frequently.
- Cultivation of cell lines with the highest demands on their environment.
- Surface suited for serum-free and serum-reduced cultivation of cells.
- Good shelf life at room temperature.
- Alternative to biologically coated surfaces.
- PS, sterile.

ORDERING INFORMATION: cellGrade™ premium

Color	Bottom	Well volume	Cat. No.	2014 List Price
96-well standard microplates: pack of 50 plates (individually wrapped, with lid)				
transparent	F-bottom	350µL	782082	\$423.00
white	F-bottom	350µL	782085	635.00
black	F-bottom	350µL	782088	635.00
96-well transparent bottom microplates: pack of 50 plates (individually wrapped, with lid)				
white	F-bottom	330µL	782090	779.00
black	F-bottom	330µL	782091	779.00
384-well standard microplates: pack of 50 plates (individually wrapped, with lid)				
transparent	F-bottom	100µL	782100	714.00
384-well transparent bottom microplates: pack of 50 plates (individually wrapped, with lid)				
white	F-bottom	120µL	782106	1,195.00
black	F-bottom	120µL	782107	1,234.00

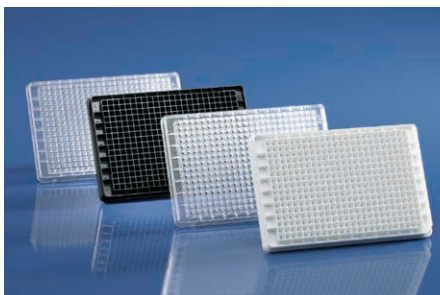
inertGrade™

For cultivation of suspension cell lines

- Especially suited for cell cultures, when adhesion is not desired.
- Optimized surface characteristics reduce cell adhesion and protein adsorption, minimizing enzyme and cellular activation.
- Inhibits early differentiation of stem cells.
- Sterilized with ethylene oxide.
- PS, sterile.

ORDERING INFORMATION: inertGrade™

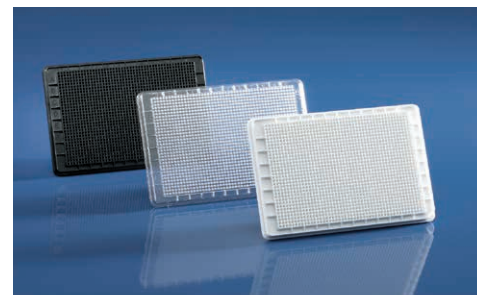
Color	Bottom	Well volume	Cat. No.	2014 List Price
96-well standard microplates: pack of 50 plates (individually wrapped, with lid)				
transparent	U-bottom	330µL	781900	\$599.00
transparent	F-bottom	350µL	781902	599.00
white	U-bottom	330µL	781904	679.00
white	F-bottom	350µL	781905	679.00
white	C-bottom	350µL	781906	679.00
black	U-bottom	330µL	781907	679.00
black	F-bottom	350µL	781908	679.00
black	C-bottom	350µL	781909	679.00
96-well transparent bottom microplates: pack of 50 plates (individually wrapped, with lid)				
white	F-bottom	330µL	781910	995.00
black	F-bottom	330µL	781911	995.00



384-well standard-volume microplates



384-well transparent bottom microplates



1536-well standard-volume microplates

NEW! BRANDplates® Insert System

For manual and automated cell and tissue culture work

BRANDplates® Insert System

The BRAND Insert System, co-developed with the Fraunhofer Society, includes choice of two specialized cell culture plates and two types of cell culture inserts for applications such as co-culture, migration studies, chemotaxis assays and 3D tissue culture preparation. Insert strips and plates are available individually or packed as a system. Key features to consider when selecting which components to utilize are plate selection and well size, insert type, and membrane pore size and material.

BRANDplates® Insert System Plate Selection

- **24-well Standard Plate**
 - Plate includes 24 individually fillable wells that can be fitted with strips of 4 inserts and/or individual inserts.
 - Used for basic applications such as co-culture, secretion studies, migration studies.
- **6-well Specialized Plate**
 - 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.
 - Used for *in vitro* preparation of tissue (3D tissue culture).
- cellGrade™ plus (sterile, hydrophilic with different chemical groups, such as carboxyl and hydroxyl groups, that are feely accessible) and pureGrade™ S surface (untreated, sterile).
- Manufactured according to the requirements in ANSI/SLAS Standards 1 and 4.
- All plates have guide ridges for perfect insert fit and specially designed feeding ports for easy media changes, suitable for robotics/automation.

BRANDplates Insert System Insert Selection

- Smooth-walled Inserts or Inserts with Inlet Opening System (patent pending).
 - Smooth-walled for standard applications such as secretion studies, co-culture, migration studies, chemotaxis assays, etc.
 - 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.
- Membrane material of PC or PET material for different optical requirements and cell visibility.
- cellGrade™ plus surface.
- Multiple membrane pore sizes available for different applications: 0.4µm, 1.0µm, 3.0µm, 8.0µm*.

*construction of full-thickness skin models by the Fraunhofer IGB (www.tissue-factory.com)



24-well standard plate



6-well specialized plate

BRANDplates® Insert System Microplates

Description	Surface	Cat. No.	2014 List Price
24-well standard plate pack of 10 plates (individually wrapped with lid)			
transparent	pureGrade™ S	782880	\$135.00
transparent	cellGrade™ plus	782890	145.00
6-well specialized plate pack of 10 plates (individually wrapped with lid)			
transparent	pureGrade™ S	782881	135.00
transparent	cellGrade™ plus	782891	145.00

BRANDplates® Insert Strips

Pore Size (µm)	PC membrane		PET membrane	
	Cat. No.	2014 List Price	Cat. No.	2014 List Price

Smooth-walled insert strips

PS, cellGrade™ plus surface, sterile. 12 strips of 4 divisible inserts (individually wrapped)

0.4	782800	\$ 295.00	782810	\$295.00
1	782820	295.00	782830	295.00
3	782840	295.00	782850	295.00
8	782860	295.00	782870	295.00

Strips with Inlet Opening System

PS, cellGrade™ plus surface, sterile. 12 strips of 4 divisible inserts (individually wrapped)

Pore Size (µm)	PC membrane		PET membrane	
	Cat. No.	2014 List Price	Cat. No.	2014 List Price
0.4	782801	\$365.00	782811	\$365.00
1	782821	365.00	782831	365.00
3	782841	365.00	782851	365.00
8	782861	365.00	782871	365.00



BRANDplates® Insert System



BRANDplates® Insert System

Pore Size (µm)	PC membrane Cat. No.	2014 List Price	PET membrane Cat. No.	2014 List Price
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6-well plates filled with 6 insert strips

PS, cellGrade plus surface, sterile. Smooth-walled strips or strips with Inlet Opening System. Pack of 5 plates with lids (condensation rings) and 30 insert strips

System with Smooth-walled Insert Strips

0.4µm	782802	\$825.00	782812	\$ 825.00
1µm	782822	825.00	782832	825.00
3µm	782842	825.00	782352	825.00
8µm	782862	825.00	782872	825.00

Inlet Opening System

0.4µm	782803	975.00	782813	975.00
1µm	782823	975.00	782833	975.00
3µm	782843	975.00	782853	975.00
8µm	782863	975.00	782873	975.00

The proper quality grade for every application

The right quality grade should be used in each application. Consequently, BRAND offers a range of quality grades so that the optimal one is always available.

BIO-CERT®	sterile acc. ISO 11 137	free of DNA	free of RNase	free of endotoxins	free of ATP	free of cytotoxic substances acc. ISO 10 993
Pipette tips and filter tips standard		✓	✓	✓	✓	
Pipette tips and filter tips BIO-CERT®	✓	✓	✓	✓	✓	
PD-Tips BIO-CERT®	✓	✓	✓	✓	✓	
Microcentrifuge tubes sterile BIO-CERT®	✓	✓	✓	✓	✓	
Microcentrifuge tubes with lid closure		✓	✓	✓		
PCR products		✓	✓	✓		
Deep-well plates		✓	✓	✓		
BRANDplates® standard		✓	✓	✓		✓
BRANDplates® sterile	✓	✓	✓	✓		✓
UV-Cuvettes micro		✓	✓	✓		

BIO-CERT® products correspond to the highest quality grade.

They are sterile, free from DNA, RNases, endotoxins and ATP.

Sterility Sterility means being free of living organisms. BRAND products are sterilized with beta radiation according to ISO 11 137 and the AAMI Guidelines. The radiation dose is at least 12.1 kGy. The inertGrade™ microplates are an exception; these are sterilized with ethylene oxide due to their special surface characteristics.

An SAL (sterility assurance level) of 10^{-6} is guaranteed, meaning no more than one part in 1×10^6 can be contaminated! This level of sterility complies with the requirements of USP 29 and the Ph.Eur.

DNA and RNases DNA (deoxyribonucleic acid) is the carrier of genetic information. RNases (ribonucleases) are enzymes that can degrade ribonucleic acid (RNA) through hydrolysis. Products from BRAND are free from DNA ($< 4 \times 10^{-14}$ g/tip = 40 fg), to avoid false positive results, e.g., in PCR, and free from RNases ($< 8.6 \times 10^{-15}$ g/tip = 8.6 fg), to make it possible to work with RNA.

Endotoxins Endotoxins are an indicator of the presence of Gram negative bacteria and make up the largest group of pyrogens. These two are often falsely believed to be synonymous. The concentration of endotoxins in products from BRAND is determined by the kinetic-turbidimetric limulus amoebocyte lysate (LAL) test. The detection limit is 0.01 EU/ml. This corresponds to an endotoxin concentration of $< 1 \times 10^{-12}$ g/tip (1 pg/tip). Freedom from endotoxins is required in pharmaceutical manufacture and cell culture.

ATP ATP serves as a marker for detecting viable bacteria, yeasts, and human cells, etc. Products from BRAND are free of ATP (ATP concentration $< 1 \times 10^{-15}$ g/tip = 1 fg) and thus are especially suitable for luminescence measurements.