

# BRAND *plates*<sup>®</sup> microplates

Modern research methods require high-quality disposables. BRAND *plates*<sup>®</sup>, the new generation of 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, three new immunological and four new cell culture surfaces have been developed under the most modern production conditions.

The new 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

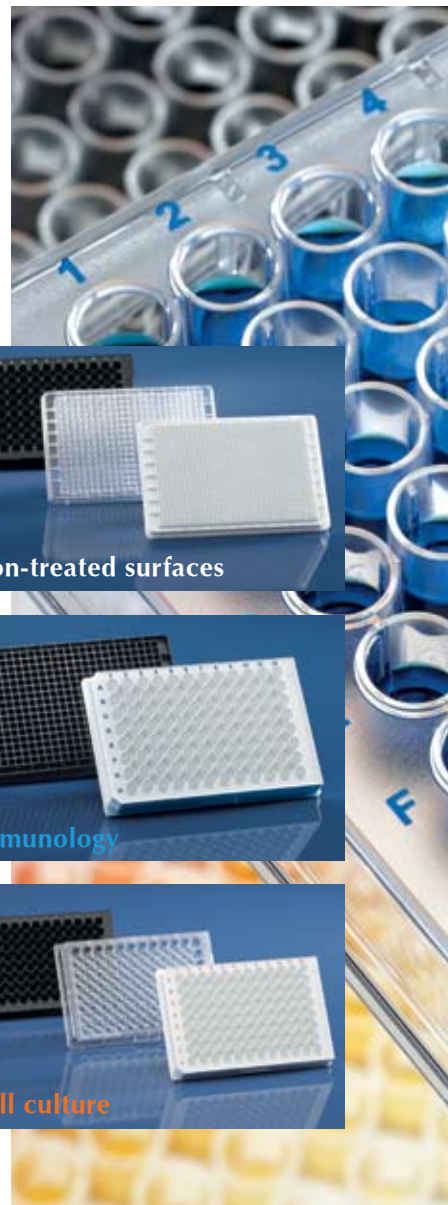
pureGrade™  
pureGrade™ S

## Immunology surfaces

immunoGrade™  
hydroGrade™  
lipoGrade™

## Cell culture surfaces

cellGrade™  
cellGrade™ plus  
cellGrade™ premium  
inertGrade™



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



## 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 durable surfaces. All BRANDplates® microplates can be stored at room temperature.

Non-treated surfaces	
pureGrade™	non-treated, non-sterile
pureGrade™ S	non-treated, sterile
Immunoassay surfaces	
immunoGrade™	ideal for immobilization of IgG; 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™	ideal for immobilization of IgG; non-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., when working with cell suspensions; sterile

## Microplate Samples

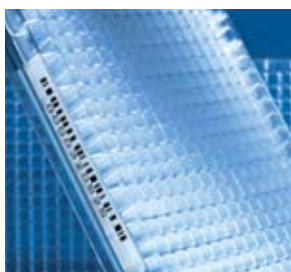
Given the broad range of plates available, we would like to provide maximum assistance in the selection of the optimum plate for your application.

Once you have used the Selection Guide on our website 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® microplate 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 the molecule will immobilize 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 printing directly to the plate in small plate quantities. This two-color (black print on white background) process is durable and highly legible. Visit [www.brandtech.com](http://www.brandtech.com) for a barcode specification form.



## ANSI-/SBS-Standard

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

### Colors, wells and shapes

#### Non-treated surfaces

#### Immunoassay surfaces

#### Cell culture surfaces

- Standard, low volume 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
- Sterile and non-sterile
- Clearly distinguishable via color code: **grey** embossed alphanumeric coding for 96-well standard plates in white or black

#### Immunoassay surfaces

- 96- and 384-well formats
- 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 plates

#### Cell culture surfaces

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

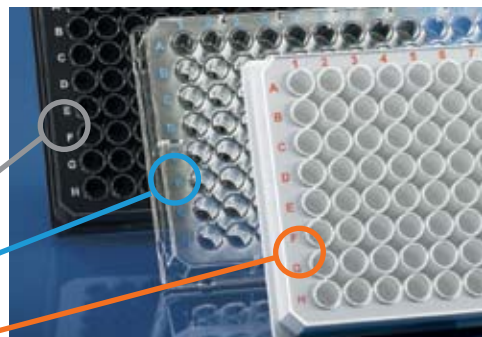
### Color Codes—96-well plates

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

**Grey Coded** Non-treated standard microplates (no embossing on transparent plates)

**Blue Coded** Microplates for immunological applications

**Orange coded** Microplates for cell culture applications



### Online plate selection guide

Use BRAND's online plate-selection guide at [www.brandtech.com](http://www.brandtech.com) 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 effortlessly! [www.BRANDplates®.SelectionGuide.com](http://www.BRANDplates®.SelectionGuide.com)

Cratles	Material	Type	Color
<input checked="" type="checkbox"/> 96-well	<input checked="" type="checkbox"/> PS	<input checked="" type="checkbox"/> standard <sup>1)</sup>	<input checked="" type="checkbox"/> transparent
<input type="checkbox"/> 384-well	<input type="checkbox"/> UV polymer	<input type="checkbox"/> Transp. bottom	<input type="checkbox"/> white
<input type="checkbox"/> 1536-well		<input type="checkbox"/> Low volume	<input type="checkbox"/> black
			<input type="checkbox"/> UV transparent

Surface	Bottom type	Sterility
<input checked="" type="checkbox"/> not treated plates	<input checked="" type="checkbox"/> U	<input checked="" type="checkbox"/> all
<input type="checkbox"/> juveGrade™	<input type="checkbox"/> V	<input type="checkbox"/> sterile
<input type="checkbox"/> juveGrade™ S	<input type="checkbox"/> F	<input type="checkbox"/> not sterile
<input type="checkbox"/> Immune sensitive plates	<input type="checkbox"/> C	
<input type="checkbox"/> immunoGrade™		
<input type="checkbox"/> hydroGrade™		
<input type="checkbox"/> lipGrade™		
<input type="checkbox"/> Cell culture plates		
<input type="checkbox"/> martGrade™		
<input type="checkbox"/> cellGrade™		
<input type="checkbox"/> cellGrade™ plus		
<input type="checkbox"/> cellGrade™ premium		

**132** Plates found

[More plates](#) [Reset selection](#)

[Alternative search options](#)

<sup>1)</sup> Standard = massive, solid plate  
More information about BRAND microplates.

## Accessories for BRANDplates®

### 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.	2009 List Price
<b>Lids for 96-well standard plates:</b> pack of 100 lids (5 lids per bag)				
yes	8 mm	-	782150	\$145.00
no	8 mm	-	782151	145.00

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

**Lids for 96-well plates with transparent bottom/Lids for all 384-well plates:**  
pack of 50 lids (10 lids per bag)

no	4.5	-	782152	95.00
----	-----	---	--------	-------

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

**Lids for all 1536-well plates:** pack of 50 lids (10 lids per bag)

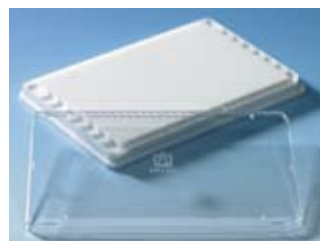
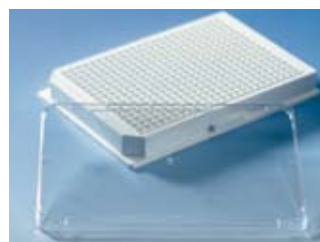
no	5.5	-	782153	95.00
----	-----	---	--------	-------

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

#### ORDERING INFORMATION: Sealing films, Self-adhesive

Application	Description	Material	Pack of	Cat. No.	2009 List Price
ELISA, PCR*	single film	polypropylene	100 sheets	781390	\$385.00
ELISA, Real-Time PCR*	single film, highly transparent	polyethylene	100 sheets	781391	260.00
Cold storage	roll with 100 sheets	aluminum	1 roll	781380	241.00
Cold storage	single film	aluminum	100 sheets	781381	194.00
Storage	single film, DMSO-resistant	polypropylene	100 sheets	701366	280.00
Cell and tissue culture	single film, gas-permeable	rayon	100 sheets	701364	191.00
Cell and tissue culture	single film, gas-permeable, sterile	rayon	50 sheets	701365	127.00
Automation	single film	PE/PP	50 sheets	701370	217.00
Storage, fluorescence measurem.	single film	vinyl	50 sheets	701371	77.00
Luminescence measurements	single film	vinyl	50 sheets	701372	63.00

\* The Polymerase Chain Reaction (PCR) is a patented process of Hoffman-La Roche. Use of the PCR process requires a license.



lids for microplates



### 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

Description	Cat. No.	2009 List Price
roller	701380	\$59.00

### 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.



### At a glance BRANDplates® microplates

#### 96-well Microplates

Type		Non-treated		Immunological surfaces			Cell culture surfaces			
Standard										
Color	Bottom / Well volume	pureGrade™	pureGrade™ S	immunoGrade™	hydroGrade™	lipoGrade™	cellGrade™	cellGrade™ plus	cellGrade™ premium	inertGrade™*
transparent	U / 330 µl	781600	781660	781720	781780	781840	781960	–	–	781900
transparent	V / 360 µl	781601	781661	781721	–	781841	781961	–	–	–
transparent	F / 350 µl	781602	781662	781722	781782	781842	781962	782022	782082	781902
transparent	C / 350 µl	781603	781663	781723	781783	781843	781963	–	–	–
white	U / 330 µl	781604	–	781724	781784	781844	–	–	–	781904
white	F / 350 µl	781605	781665	–	–	–	781965	782025	782085	781905
white	C / 350 µl	–	–	781726	781786	781846	–	–	–	781906
black	U / 330 µl	781607	–	781727	781787	781847	–	–	–	781907
black	F / 350 µl	781608	781668	–	–	–	781968	782028	782088	781908
black	C / 350 µl	–	–	781729	781789	781849	–	–	–	781909
<b>With transparent bottom</b>										
Color	Bottom / Well volume	pureGrade™	pureGrade™ S	immunoGrade™	hydroGrade™	lipoGrade™	cellGrade™	cellGrade™ plus	cellGrade™ premium	inertGrade™*
white	F / 330 µl	781610	781670	–	–	781850	781970	782030	782090	781910
black	F / 330 µl	781611	781671	781731	–	781851	781971	782031	782091	781911

#### 384-well HTS Microplates

Type		Non-treated		Immunological surfaces			Cell culture surfaces			
Standard										
Color	Bottom / Well volume	pureGrade™	pureGrade™ S	immunoGrade™	hydroGrade™	lipoGrade™	cellGrade™	cellGrade™ plus	cellGrade™ premium	inertGrade™*
transparent	F / 100 µl	781620	781680	781740	781800	781860	781980	782040	782100	781920
white	F / 100 µl	781621	781681	781741	781801	781861	781981	–	–	781921
black	F / 100 µl	781622	781682	781742	781802	781862	781982	–	–	781922
<b>Standard, Low Volume</b>										
Color	Bottom / Well volume	pureGrade™	pureGrade™ S	immunoGrade™	hydroGrade™	lipoGrade™	cellGrade™	cellGrade™ plus	cellGrade™ premium	inertGrade™*
transparent	F / 30 µl	781623	781683	–	–	781863	781983	–	–	–
white	F / 30 µl	781624	781684	–	–	781864	781984	–	–	–
black	F / 30 µl	781625	781685	–	–	781865	781985	–	–	–
<b>Standard, UV*</b>										
Color	Bottom / Well volume	pureGrade™	pureGrade™ S	immunoGrade™	hydroGrade™	lipoGrade™	cellGrade™	cellGrade™ plus	cellGrade™ premium	inertGrade™*
UV-transparent	F / 100 µl	781628	781688	–	–	–	–	–	–	–
* for wavelengths down to 220 nm										
<b>With transparent bottom</b>										
Color	Bottom / Well volume	pureGrade™	pureGrade™ S	immunoGrade™	hydroGrade™	lipoGrade™	cellGrade™	cellGrade™ plus	cellGrade™ premium	inertGrade™*
white	F / 120 µl	781626	781686	–	–	781866	781986	782046	782106	781926
black	F / 120 µl	781627	781687	–	–	781867	781987	782047	782107	781927

#### 1536-well UHTS Microplates

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

Interactive Selection Guide with more information about BRANDplates® microplates available at [www.brandtech.com](http://www.brandtech.com).

\*inertGrade™ microplates available in 2009

# Non-treated BRAND *plates*<sup>®</sup>

## pureGrade™

### Non-treated surface, non-sterile

- The standard plate for most applications.
- PS or UV-polymer
- Particularly applicable for homogeneous assays, screening, and for storage.

#### ORDERING INFORMATION: pureGrade™

Color	Bottom	Well volume	Cat. No.	2009 List Price
<b>96-well standard microplates:</b> pack of 100 plates (20 stacks of 5 plates)				
transparent	U-bottom	330 µl	781600	\$160.00
transparent	V-bottom	360 µl	781601	160.00
transparent	F-bottom	350 µl	781602	160.00
transparent	C-bottom	350 µl	781603	160.00
white	U-bottom	330 µl	781604	312.00
white	F-bottom	350 µl	781605	312.00
black	U-bottom	330 µl	781607	312.00
black	F-bottom	350 µl	781608	312.00

#### 96-well transparent bottom microplates:

pack of 100 plates (4 bags of 25 plates)

white	F-bottom	330 µl	781610	472.00
black	F-bottom	330 µl	781611	472.00

#### 384-well standard microplates: pack of 50 plates (5 bags of 10 plates)

transparent, UV-polymer*	F-bottom	100 µl	781628	393.00
transparent	F-bottom	100 µl	781620	179.00
white	F-bottom	100 µl	781621	187.00
black	F-bottom	100 µl	781622	187.00

#### 384-well low volume microplates: pack of 50 plates (2 bags of 25 plates)

transparent	F-bottom	30 µl	781623	337.00
white	F-bottom	30 µl	781624	367.00
black	F-bottom	30 µl	781625	360.00

#### 384-well transparent bottom microplates: pack of 50 plates (2 bags of 25 plates)

white	F-bottom	120 µl	781626	374.00
black	F-bottom	120 µl	781627	374.00

#### 1536-well standard microplates: pack of 50 plates (5 stacks of 10 plates)

transparent	F-bottom	10 µl	781640	878.00
white	F-bottom	10 µl	781641	893.00
black	F-bottom	10 µl	781642	893.00

\* slightly hydrophilized

## pureGrade™ S

### Non-treated surface, sterile

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

#### ORDERING INFORMATION: pureGrade™ S

Color	Bottom	Well volume	Cat. No.	2009 List Price
<b>96-well standard microplates:</b> pack of 50 plates (single packed, with lid)				
transparent	U-bottom	330 µl	781660	\$212.00
transparent	V-bottom	360 µl	781661	212.00
transparent	F-bottom	350 µl	781662	212.00
transparent	C-bottom	350 µl	781663	212.00
white	F-bottom	350 µl	781665	223.00
black	F-bottom	350 µl	781668	223.00

#### 96-well transparent bottom microplates:

pack of 50 plates (single packed, with lid)

white	F-bottom	330 µl	781670	524.00
black	F-bottom	330 µl	781671	524.00

#### 384-well standard microplates: pack of 50 plates (single packed, with lid)

UV-polymer*	F-bottom	100 µl	781688	488.00
transparent	F-bottom	100 µl	781680	227.00
white	F-bottom	100 µl	781681	230.00
black	F-bottom	100 µl	781682	230.00

#### 384-well low volume microplates: pack of 50 plates (single packed, with lid)

transparent	F-bottom	30 µl	781683	353.00
white	F-bottom	30 µl	781684	590.00
black	F-bottom	30 µl	781685	545.00

#### 384-well transparent bottom microplates:

pack of 50 plates (single packed, with lid)

white	F-bottom	120 µl	781686	692.00
black	F-bottom	120 µl	781687	692.00

#### 1536-well standard microplates: pack of 50 plates (single packed, with lid)

transparent	F-bottom	10 µl	781700	1,054.00
white	F-bottom	10 µl	781701	1,072.00
black	F-bottom	10 µl	781702	1,072.00

\* slightly hydrophilized

# BRAND *plates*<sup>®</sup> microplates

## 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.
- Compare to 'high-binding' plates from other manufacturers.
- PS, non-sterile.

#### ORDERING INFORMATION: immunoGrade™

Color	Bottom	Well volume	Cat. No.	2009 List Price
<b>96-well standard microplates:</b> pack of 100 plates (20 stacks of 5 plates)				
transparent	U-bottom	330 µl	781720	\$255.00
transparent	V-bottom	360 µl	781721	255.00
transparent	F-bottom	350 µl	781722	255.00
transparent	C-bottom	350 µl	781723	255.00
white	U-bottom	330 µl	781724	345.00
white	C-bottom	350 µl	781726	345.00
black	U-bottom	330 µl	781727	345.00
black	C-bottom	350 µl	781729	345.00

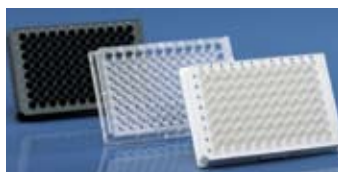
#### 96-well transparent bottom microplates:

pack of 100 plates (20 stacks of 5 plates)

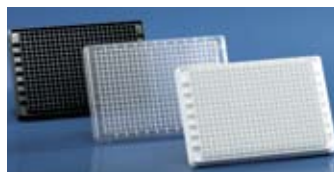
black	F-bottom	330 µl	781731	489.00
-------	----------	--------	--------	--------

#### 384-well standard microplates: pack of 50 plates (5 bags of 10 plates)

transparent	F-bottom	100 µl	781740	230.00
white	F-bottom	100 µl	781741	245.00
black	F-bottom	100 µl	781742	245.00



96-well standard-volume microplates



384-well standard-volume microplates

## hydroGrade™

### For the immobilization of hydrophilic molecules

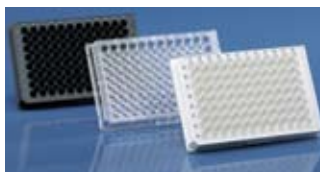
- Strongly hydrophilic, with high affinity to hydrophilic molecules, such as glycoproteins and peptides, antibodies with predominantly hydrophilic regions, and nucleic acids.
- An alternative to the immunoGrade™ surface when performing solid phase assays.
- Alternative for homogeneous assays with hydrophobic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

#### ORDERING INFORMATION: hydroGrade™

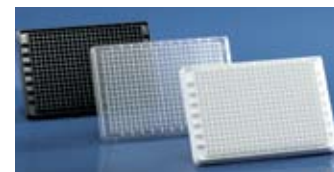
Color	Bottom	Well volume	Cat. No.	2009 List Price
<b>96-well standard microplates:</b> pack of 100 plates (20 stacks of 5 plates)				
transparent	U-bottom	330 µl	781780	\$360.00
transparent	F-bottom	350 µl	781782	360.00
transparent	C-bottom	350 µl	781783	360.00
white	U-bottom	330 µl	781784	380.00
white	C-bottom	350 µl	781786	380.00
black	U-bottom	330 µl	781787	380.00
black	C-bottom	350 µl	781789	380.00

#### 384-well standard microplates: pack of 50 plates (5 bags of 10 plates)

transparent	F-bottom	100 µl	781800	276.00
white	F-bottom	100 µl	781801	290.00
black	F-bottom	100 µl	781802	290.00



96-well standard-volume microplates



384-well standard-volume microplates



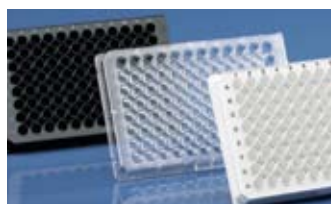
96-well transparent bottom microplates

# for Immunoassays

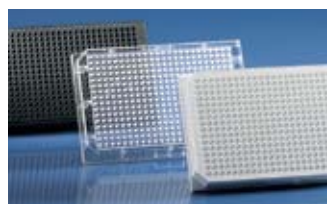
## lipoGrade™

### For the immobilization of hydrophobic molecules

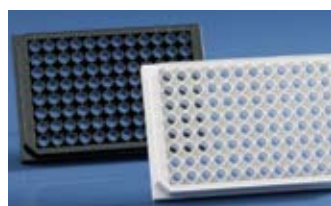
- Strongly hydrophobic (lipophilic), for immobilization of biomolecules with predominantly hydrophobic regions.
- An alternative to the immunoGrade™ surface for the immobilization of molecules such as lipoproteins or peptides.
- Specially suited for liquid phase assays when the reaction component should 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.



96-well standard-volume microplates



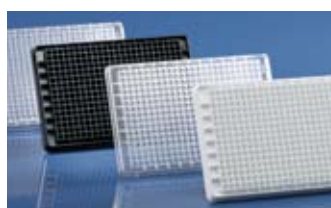
384-well low volume microplates



96-well transparent bottom microplates



384-well transparent bottom microplates



384-well standard-volume microplates

### ORDERING INFORMATION: lipoGrade™

Color	Bottom	Well volume	Cat. No.	2009 List Price
<b>96-well standard microplates:</b> pack of 100 plates (20 stacks of 5 plates)				
transparent	U-bottom	330 µl	781840	\$205.00
transparent	V-bottom	360 µl	781841	205.00
transparent	F-bottom	350 µl	781842	205.00
transparent	C-bottom	350 µl	781843	205.00
white	U-bottom	330 µl	781844	359.00
white	C-bottom	350 µl	781846	359.00
black	U-bottom	330 µl	781847	359.00
black	C-bottom	350 µl	781849	359.00

### 96-well transparent bottom microplates:

pack of 100 plates (20 stacks of 5 plates)

white	F-bottom	330 µl	781850	472.00
black	F-bottom	330 µl	781851	472.00

### 384-well standard microplates: pack of 50 plates (5 bags of 10 plates)

transparent	F-bottom	100 µl	781860	214.00
white	F-bottom	100 µl	781861	236.00
black	F-bottom	100 µl	781862	236.00

### 384-well low volume microplates: pack of 50 plates (5 bags of 10 plates)

transparent	F-bottom	30 µl	781863	300.00
white	F-bottom	30 µl	781864	398.00
black	F-bottom	30 µl	781865	375.00

### 384-well transparent bottom microplates:

pack of 50 plates (5 bags of 10 plates)

white	F-bottom	120 µl	781866	410.00
black	F-bottom	120 µl	781867	410.00

# BRAND *plates*<sup>®</sup> microplates

## cellGrade™

### For the cultivation of adherent cell lines

- Standard-volume, sterile plates for the cultivation of adherent cell lines.
- PS-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.

#### ORDERING INFORMATION: cellGrade™

Color	Bottom	Well volume	Cat. No.	2009 List Price
<b>96-well standard microplates:</b> pack of 50 plates (indiv. wrapped, with lid)				
transparent	U-bottom	330 µl	781960	\$227.00
transparent	V-bottom	360 µl	781961	227.00
transparent	F-bottom	350 µl	781962	227.00
transparent	C-bottom	350 µl	781963	227.00
white	F-bottom	350 µl	781965	235.00
black	F-bottom	350 µl	781968	235.00

#### 96-well transparent bottom microplates:

pack of 50 plates (indiv. wrapped, with lid)

white	F-bottom	330 µl	781970	331.00
black	F-bottom	330 µl	781971	331.00

#### 384-well standard microplates:

pack of 50 plates (indiv. wrapped, with lid)

transparent	F-bottom	100 µl	781980	245.00
white	F-bottom	100 µl	781981	256.00
black	F-bottom	100 µl	781982	256.00

#### 384-well low volume microplates:

pack of 50 plates (indiv. wrapped, with lid)

transparent	F-bottom	30 µl	781983	253.00
white	F-bottom	30 µl	781984	422.00
black	F-bottom	30 µl	781985	390.00

#### 384-well transparent bottom microplates:

pack of 50 plates (indiv. wrapped, with lid)

white	F-bottom	120 µl	781986	455.00
black	F-bottom	120 µl	781987	455.00

#### 1536-well standard microplates:

pack of 50 plates (indiv. wrapped, with lid)

transparent	F-bottom	10 µl	782000	863.00
white	F-bottom	10 µl	782001	910.00
black	F-bottom	10 µl	782002	910.00

## 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.	2009 List Price
<b>96-well standard microplates:</b> pack of 50 plates (indiv. wrapped, with lid)				
transparent	F-bottom	350 µl	782022	\$227.00
white	F-bottom	350 µl	782025	396.00
black	F-bottom	350 µl	782028	396.00

#### 96-well transparent bottom microplates:

pack of 50 plates (indiv. wrapped, with lid)

white	F-bottom	330 µl	782030	413.00
black	F-bottom	330 µl	782031	413.00

#### 384-well standard microplates:

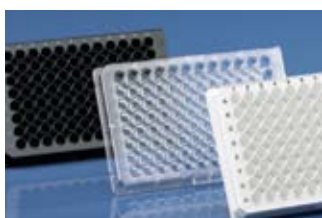
pack of 50 plates (indiv. wrapped, with lid)

transparent	F-bottom	100 µl	782040	324.00
-------------	----------	--------	--------	--------

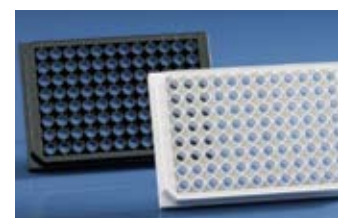
#### 384-well transparent bottom microplates:

pack of 50 plates (indiv. wrapped, with lid)

white	F-bottom	120 µl	782046	623.00
black	F-bottom	120 µl	782047	623.00



96-well standard-volume microplates



96-well transparent bottom 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.	2009 List Price
<b>96-well standard microplates:</b> pack of 50 plates (indiv. wrapped, with lid)				
transparent	F-bottom	350 µl	782082	\$375.00
white	F-bottom	350 µl	782085	563.00
black	F-bottom	350 µl	782088	563.00

### 96-well transparent bottom microplates:

pack of 50 plates (indiv. wrapped, with lid)

white	F-bottom	330 µl	782090	690.00
black	F-bottom	330 µl	782091	690.00

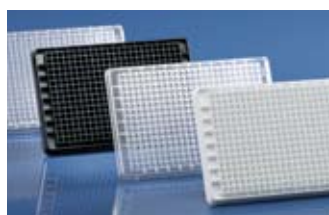
### 384-well standard microplates: pack of 50 plates (indiv. wrapped, with lid)

transparent	F-bottom	100 µl	782100	633.00
-------------	----------	--------	--------	--------

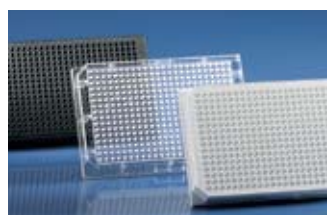
### 384-well transparent bottom microplates:

pack of 50 plates (indiv. wrapped, with lid)

white	F-bottom	120 µl	782106	1,058.00
black	F-bottom	120 µl	782107	1,093.00



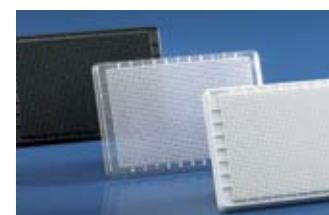
384-well standard-volume microplates



384-well low volume microplates



384-well transparent bottom microplates



1536-well standard-volume microplates

## inertGrade™\*

\* available in 2009

### 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.
- For cultivation of suspension and stem cells.
- PS, sterile.

### ORDERING INFORMATION: inertGrade™

Color	Bottom	Well volume	Cat. No.
<b>96-well standard microplates:</b> pack of 50 plates (indiv. wrapped, with lid)			
transparent	U-bottom	330 µl	781900
transparent	F-bottom	350 µl	781902
white	U-bottom	330 µl	781904
white	F-bottom	350 µl	781905
white	C-bottom	350 µl	781906
black	U-bottom	330 µl	781907
black	F-bottom	350 µl	781908
black	C-bottom	350 µl	781909

### 96-well transparent bottom microplates:

pack of 50 plates (indiv. wrapped, with lid)

white	F-bottom	330 µl	781910
black	F-bottom	330 µl	781911

### 384-well standard microplates: pack of 50 plates (indiv. wrapped, with lid)

transparent	F-bottom	100 µl	781920
white	F-bottom	100 µl	781921
black	F-bottom	100 µl	781922

### 384-well transparent bottom microplates:

pack of 50 plates (indiv. wrapped, with lid)

white	F-bottom	120 µl	781926
black	F-bottom	120 µl	781927