

BRANDplates® microplates, BRAND



BRANDplates® – A complete premium-quality line – for every application!

Modern research methods require high-quality disposables. BRANDplates® microplates can be used in all important fields of life science. BRANDplates® microplates are available with nine different surfaces. 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. Get yourself familiar with the new range by using the BRANDplates® selection guide under www.brand.de.

BRANDplates® microplates non-treated (sterile or non-sterile)

pureGrade™ (medium binding)

Non-treated, non-sterile surface. The standard plate for most applications. Particularly applicable for homogenous assays, screening, and in the field of storage.

pureGrade™ S

Non-treated surface, sterile. Sterilized via β -radiation. Especially suited for bacteriological assays.

Colors, wells and shapes:

- 96-, 384- and 1536-well format, transparent, white or black
- Standard, UV transparent foil bottom or transparent bottom, Different bottom shapes: U-, V-, F-, C-bottom for 96-well format
- Clearly distinguishable via color code: grey embossed alphanumeric coding for 96-well standard plates in white or black
- Free from endotoxins (< 0.01 EU/ml), DNase, DNA, RNase, non-cytotoxic (according to ISO 10993)
- Sterile Products comply with ISO 11137 and AAMI guidelines. A SAL of 10^{-6} is reached. Supplied individually wrapped with lid.

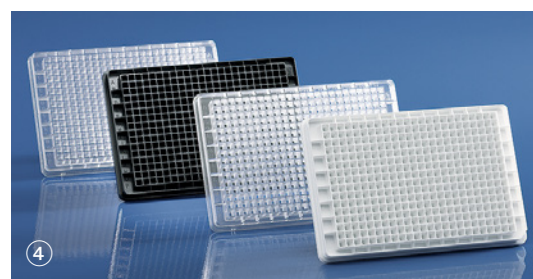
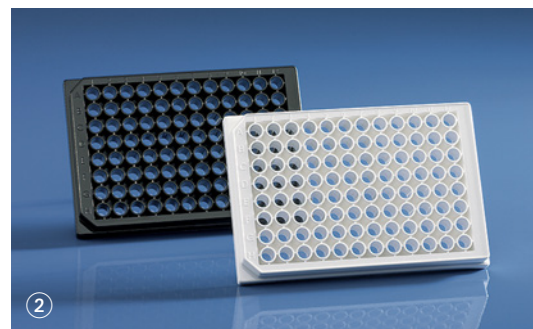
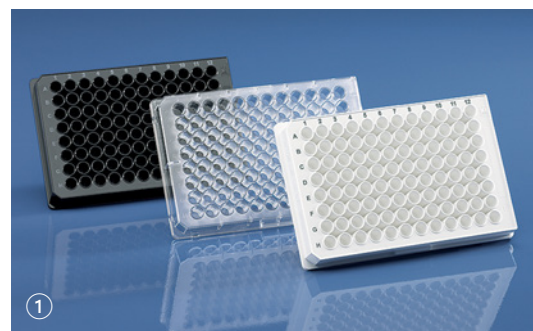
pureGrade™

Type	Bottom shape/ Well vol.	Order No.	PU pc/Pack
① 96-well, transparent	U/330 μ l	10 49 81600	100
① 96-well, transparent	V/360 μ l	10 49 81601	100
① 96-well, transparent	F/350 μ l	10 49 81602	100
① 96-well, transparent	C/350 μ l	10 49 81603	100
① 96-well, white	U/330 μ l	10 49 81604	100
① 96-well, white	F/350 μ l	10 49 81605	100
① 96-well, black	U/330 μ l	10 49 81607	100
① 96-well, black	F/350 μ l	10 49 81608	100
② 96-well, white/transparent	F/330 μ l	10 49 81610	100
② 96-well, black/transparent	F/330 μ l	10 49 81611	100
③ 96-well, transparent, UV-Polymer ¹⁾	F/350 μ l	10 49 81614	50
② 96-well, black/UV-transparent	F/350 μ l	10 49 81615	50
④ 384-well, transparent	F/100 μ l	10 49 81620	50
④ 384-well, white	F/100 μ l	10 49 81621	50
④ 384-well, black	F/100 μ l	10 49 81622	50
⑤ 384-well, white/transparent	F/120 μ l	10 49 81626	50
⑤ 384-well, black/transparent	F/120 μ l	10 49 81627	50
⑥ 1536-well, transparent	F/10 μ l	10 49 81640	50
⑥ 1536-well, white	F/10 μ l	10 49 81641	50
⑥ 1536-well, black	F/10 μ l	10 49 81642	50

❗ Available only in original packaging units. No fractions possible.

¹⁾ PS with UV-transparent foil bottom, slightly hydrophilized, bottom thickness 25 μ m, transmission at 240 nm: 80%.

Strip plates with pureGrade™ (medium binding) surface see page XXX.



pureGrade™ S

Type	Bottom shape/ Well vol.	Order No.	PU pc/Pack
① 96-well, transparent	U/330 µl	10 49 81660	50
① 96-well, transparent	V/360 µl	10 49 81661	50
① 96-well, transparent	F/350 µl	10 49 81662	50
① 96-well, transparent	C/350 µl	10 49 81663	50
① 96-well, white	F/350 µl	10 49 81665	50
① 96-well, black	F/350 µl	10 49 81668	50
② 96-well, white/transparent	F/330 µl	10 49 81670	50
② 96-well, black/transparent	F/330 µl	10 49 81671	50
④ 384-well, transparent	F/100 µl	10 49 81680	50
④ 384-well, white	F/100 µl	10 49 81681	50
④ 384-well, black	F/100 µl	10 49 81682	50
⑤ 384-well, white/transparent	F/120 µl	10 49 81686	50
⑤ 384-well, black/transparent	F/120 µl	10 49 81687	50
⑥ 1536-well, transparent	F/10 µl	10 49 81700	50
⑥ 1536-well, white	F/10 µl	10 49 81701	50
⑥ 1536-well, black	F/10 µl	10 49 81702	50

① Available only in original packaging units. No fractions possible.

BRANDplates® microplates non treated (non sterile) immunoGrade™ (high binding)

Optimized for the immobilization of IgG, highest binding capacity for molecules with mixed hydrophilic and hydrophobic regions. The surface of choice for the majority of standard ELISAs.

hydroGrade™

Strongly hydrophilic, high affinity to hydrophilic molecules like e.g., glycoproteins and peptides, antibodies with predominantly hydrophilic regions and nucleic acids.

lipoGrade™

Strongly hydrophobic (lipophilic), immobilization of biomolecules with predominantly hydrophobic regions. An alternative to the immunoGrade™ surface for the immobilization of molecules, like e.g. lipoproteins or peptides.

Colors, wells and shapes:

- 96- and 384-well format, transparent, white or black
- Standard, transparent bottom, Different bottom shapes: U-, V-, F-, C-bottom for 96-well format
- Modification via a physical-chemical process, good shelf life at room temperature
- Clearly distinguishable via color code: blue embossed alphanumeric coding for 96-well standard plates
- Free from endotoxins (< 0.01 EU/ml), DNase, DNA, RNase, non-cytotoxic (according to ISO 10993)

immunoGrade™

Type	Bottom shape/ Well volume	Order No.	PU pc/Pack
⑦ 96-well, transparent	U/330 µl	10 49 81720	100
⑦ 96-well, transparent	V/360 µl	10 49 81721	100
⑦ 96-well, transparent	F/350 µl	10 49 81722	100
⑦ 96-well, white	U/330 µl	10 49 81724	100
⑦ 96-well, black	U/330 µl	10 49 81727	100
⑧ 96-well, black/transparent	F/330 µl	10 49 81731	100
⑧ 96-well, black/transparent	F/330 µl	10 49 81732	5
⑨ 384-well, transparent	F/100 µl	10 49 81740	50
⑨ 384-well, white	F/100 µl	10 49 81741	50
⑨ 384-well, black	F/100 µl	10 49 81742	50

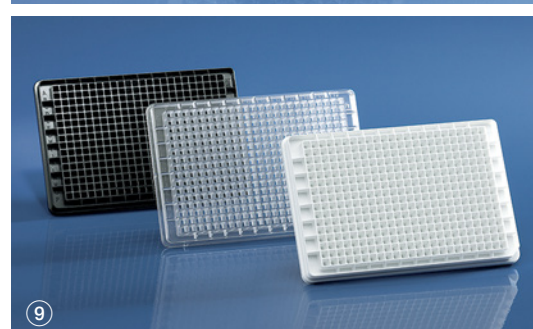
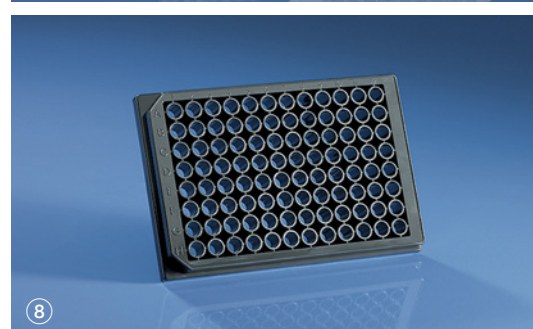
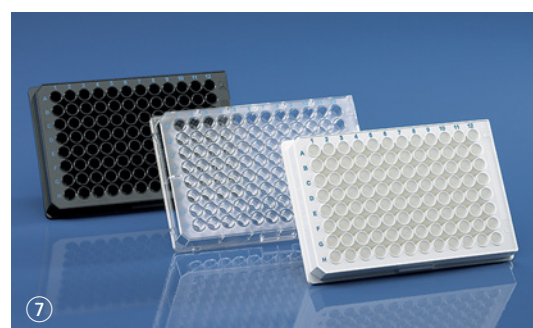
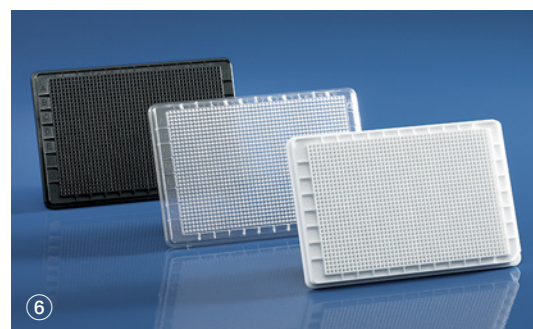
① Available only in original packaging units. No fractions possible.

Strip plates with immunoGrade™ (high binding) surface see page XXX.

hydroGrade™

Type	Bottom shape/Well vol.	Order No.	PU pc/Pack
⑦ 96-well, transparent	U/330 µl	10 49 81780	100
⑦ 96-well, transparent	F/350 µl	10 49 81782	100

① Available only in original packaging units. No fractions possible.



lipoGrade™

Type	Bottom shape/Well vol.	Order No.	PU pc/Pack
⑦ 96-well, transparent	U/330 µl	10 49 81840	100
⑦ 96-well, transparent	F/350 µl	10 49 81842	100

❗ Available only in original packaging units. No fractions possible.

BRANDplates® for Cell Culture (sterile)**cellGrade™**

Standard surface for the cultivation of adherent cell cultures. PS-surface with different chemical groups, like e.g. carboxyl and hydroxyl groups, that are freely accessible. Surface is hydrophilic compared with non-treated PS.

cellGrade™ plus

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

cellGrade™ premium

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. Surface suited for serum-free and serum-reduced cultivation of cells. Good shelf life at room temperature.

inertGrade™

For cultivation of suspension cells. Especially suited for cell cultures, when adhesion is not desired. Optimized surface characteristics reducing cell adhesion and protein adsorption, enzyme and cellular activation is minimized. Stem cells can be prevented from early differentiation. Sterilization with ethylene oxide.

Colors, wells and shapes:

- 96-, 384- and 1536-well format, transparent, white or black
- Sterile according to Ph.Eur. and USP 29, SAL 10⁻⁶
- Standard, transparent bottom, Different bottom shapes: U-, V-, F-, C-bottom for 96-well format
- Clearly distinguishable via color code: orange embossed alphanumeric coding for 96-well standard
- Free from endotoxins (< 0.01 EU/ml), DNase, DNA, RNase, non-cytotoxic (according to ISO 10993)

cellGrade™

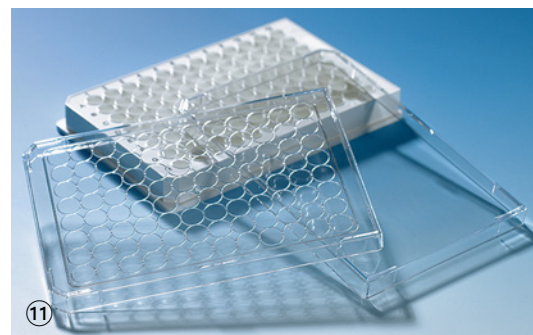
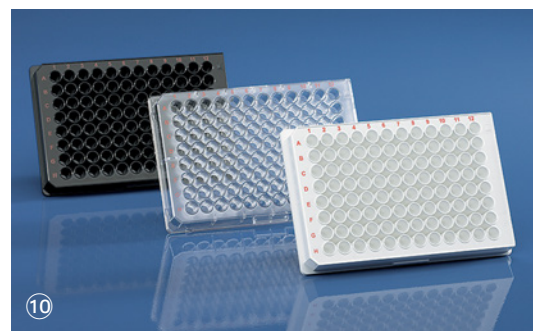
Type	Bottom shape/ Well volume	Order No.	PU pc/Pack
⑩ 96-well, transparent	U/330 µl	10 49 81960	50
⑩ 96-well, transparent	V/360 µl	10 49 81961	50
⑩ 96-well, transparent	F/350 µl	10 49 81962	50
⑩ 96-well, transparent	C/350 µl	10 49 81963	50
⑩ 96-well, white	F/350 µl	10 49 81965	50
⑩ 96-well, black	F/350 µl	10 49 81968	50
② 96-well, white/transparent	F/330 µl	10 49 81970	50
② 96-well, white/transparent	F/330 µl	10 49 81974	5
② 96-well, black/transparent	F/330 µl	10 49 81971	50
② 96-well, black/transparent	F/330 µl	10 49 81975	5
⑨ 384-well, transparent	F/100 µl	10 49 81980	50
⑨ 384-well, white	F/100 µl	10 49 81981	50
⑨ 384-well, black	F/100 µl	10 49 81982	50
⑤ 384-well, white/transparent	F/120 µl	10 49 81986	50
⑤ 384-well, white/transparent	F/120 µl	10 49 81988	5
⑤ 384-well, black/transparent	F/120 µl	10 49 81987	50
⑤ 384-well, black/transparent	F/120 µl	10 49 81989	5
⑥ 1536-well, transparent	F/10 µl	10 49 82000	50
⑥ 1536-well, white	F/10 µl	10 49 82001	50
⑥ 1536-well, black	F/10 µl	10 49 82002	50

❗ Available only in original packaging units. No fractions possible.

cellGrade™ plus

Type	Bottom shape/Well vol.	Order No.	PU pc/Pack
⑩ 96-well, transparent	F/350 µl	10 49 82022	50
② 96-well, white/transparent	F/330 µl	10 49 82030	50
② 96-well, white/transparent	F/330 µl	10 49 82034	5
② 96-well, black/transparent	F/330 µl	10 49 82031	50
② 96-well, black/transparent	F/330 µl	10 49 82035	5

❗ Available only in original packaging units. No fractions possible.



cellGrade™ premium

Type	Bottom shape/Well vol.	Order No.	PU pc/Pack
⑩ 96-well, transparent	F/350 µl	10 49 82082	50
② 96-well, white/transparent	F/330 µl	10 49 82090	50
② 96-well, white/transparent	F/330 µl	10 49 82094	5
② 96-well, black/transparent	F/330 µl	10 49 82091	50
② 96-well, black/transparent	F/330 µl	10 49 82095	5

❗ Available only in original packaging units. No fractions possible.

inertGrade™

Type	Bottom shape/Well vol.	Order No.	PU pc/Pack
⑩ 96-well, transparent	U/330 µl	10 49 81900	40
⑩ 96-well, transparent	F/350 µl	10 49 81902	40
② 96-well, white/transparent	F/330 µl	10 49 81910	40
② 96-well, black/transparent	F/330 µl	10 49 81911	40
② 96-well, white/transparent	F/330 µl	10 49 81912	5
② 96-well, black/transparent	F/330 µl	10 49 81913	5

❗ Available only in original packaging units. No fractions possible.

Lids for BRANDplates® microplates

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.

Type	Condensation Rings	Height mm	Order No.	PU pc/Pack
⑪ Lid for 96-well plates	yes	8	10 49 82150	100
⑪ Lid for 96-well plates	no	8	10 49 82151	100
⑫ Lid for 96-well plates + all 384-well plates	no	4.5	10 49 82152	50
⑬ Lid for 1536-well plates	no	5.5	10 49 82153	50

❗ Available only in original packaging units. No fractions possible.

