

Sample Storage – efficient, practical and flexible!

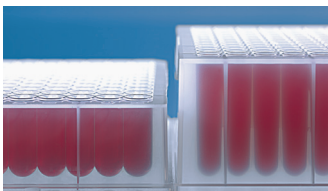
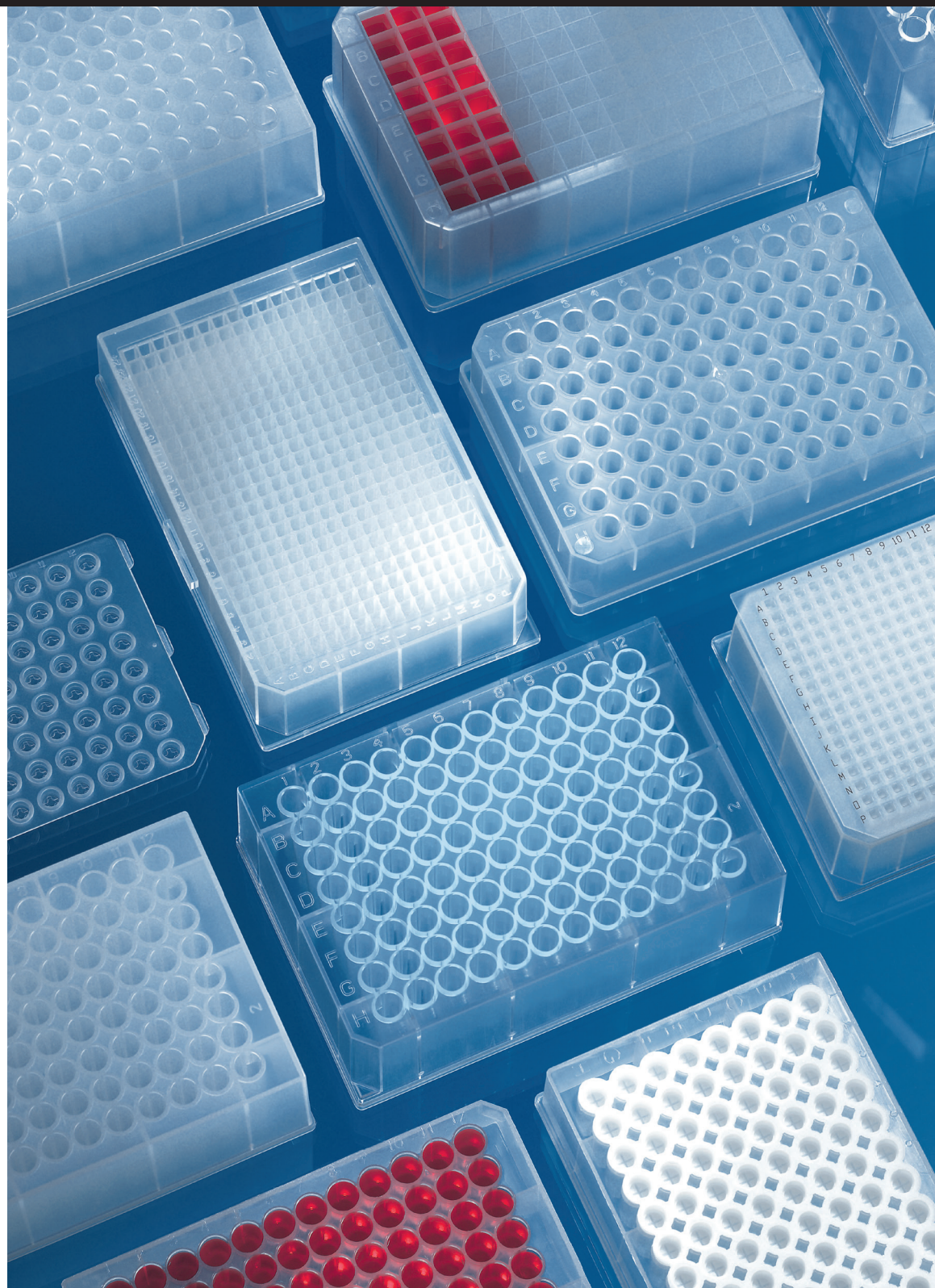


Deep-well Plates

H I G H - T E C H D I S P O S A B L E S

Deep-well plates from BRAND were developed especially for the storage of life science samples. The wide range of plates allows the selective use in various application areas.

- **Stackable and perfectly sealable** with suitable sealing mats or self-adhesive sealing films.
- **According to ANSI/SLAS 1 and 4** for use with multi-channel pipettes and automatic systems.
- **Alphanumeric code** and cut-away corner simplify sample identification and orientation
- **Better visual inspection** thanks to high-transparency polypropylene (PP) and clear polystyrene (PS).



96-well Deep-well Plates

The most important application for deep-well plates is sample storage (e.g., in substance libraries).

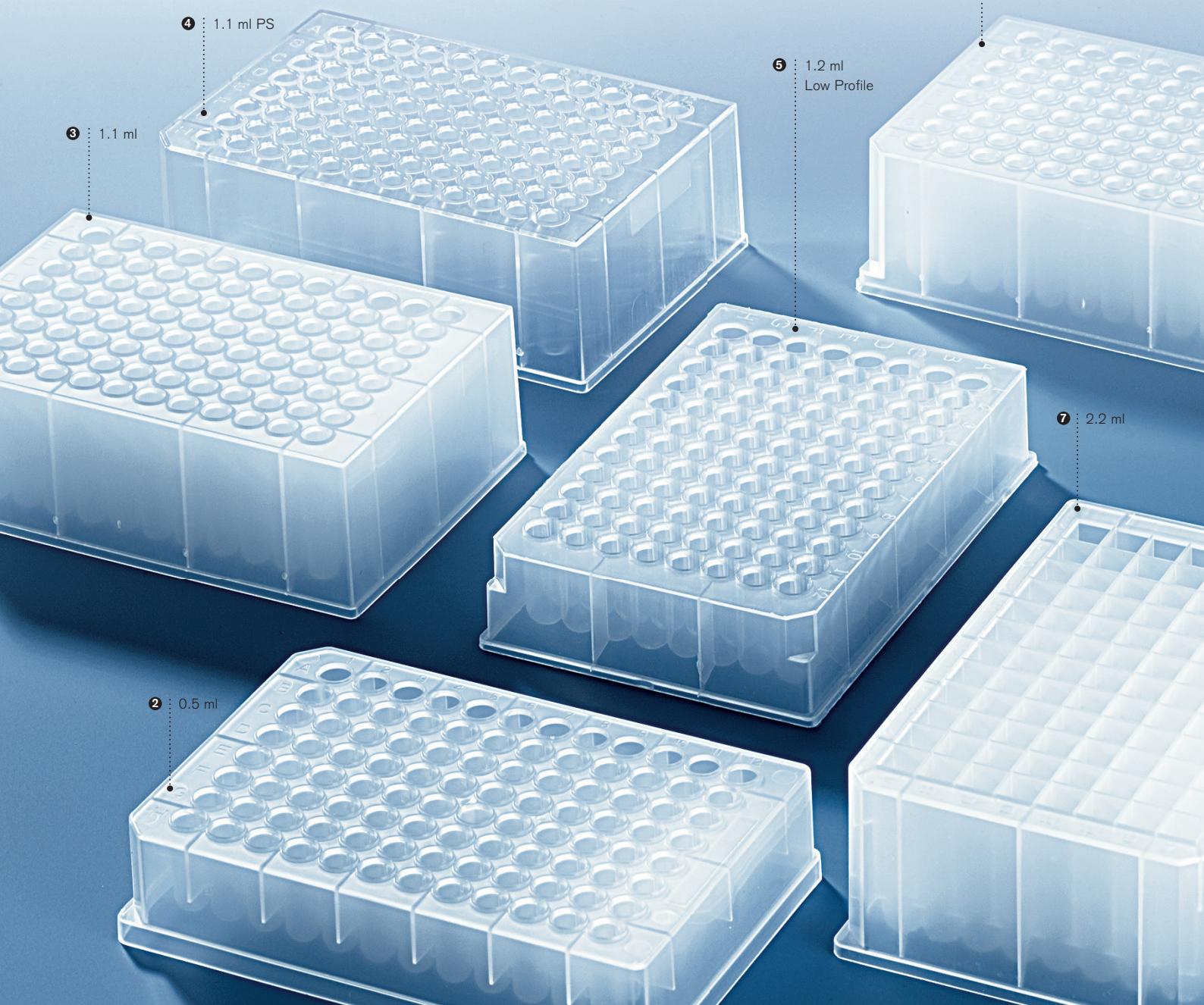
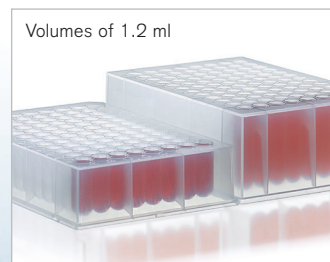
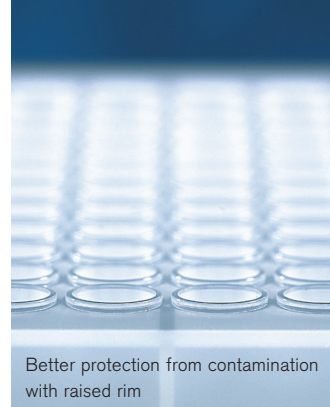
Deep-well plates are an important component in numerous other applications, e.g., cultivation of microorganisms, extraction of nucleic acids and proteins and screening studies.

Essential quality features of the deep-well plates made of PP are the use of high-quality medical grade polypropylene and the high chemical resistance, e.g., against DMSO, phenol and chloroform. The ANSI/SLAS 1 and 4 standards permit use with multi-channel pipettes and automatic liquid handling systems from all leading manufacturers.

- Optimal sample mixing and recovery using U-bottom wells
- Temperature range -80 °C to 121 °C
- Autoclavable at 121 °C (2 bar), acc. DIN EN 285
- Free from RNase, DNase, endotoxins and DNA

Low Profile deep-well plate:

- Reduced space requirements by about 30% (height only 26.5 mm)
- 15% larger well cross-section (diameter 8.2 mm)



Ordering Information

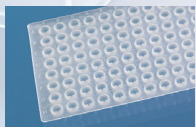
Plates

Description	Capacity ml	Material	Well shape	Well bottom	Pack of	Cat. No.
1 96-well microplate	0.3	PP	●	U	100	701330
96-well deep-well plates:						
2 standard	0.5	PP	●	U	48	701346
3 standard	1.1	PP	●	U	24	701350
4 standard*	1.1	PS	●	U	32	701352
5 Low Profile**	1.2	PP	●	U	50	701340
6 elevated skirt	1.2	PP	●	U	32	701342
7 standard	2.2	PP	■	U	24	701354
8 384-well deep-well plate	0.3	PP	■	V	48	701355

* not autoclavable, usable down to -20 °C, ** not checked for absence of DNA, RNases, and DNases, no medical grade PP

Sealing Mats

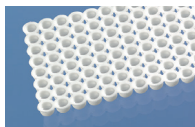
For deep-well plate Cat. No.	Material	Features	Pack of	Cat. No.
701346	Polypropylene	Chemical-, acid- and base-resistant, autoclavable, -80 °C to +120 °C	50	701358
701350 701352	Modified Polyethylene	Resistant to chemicals and polar solvents	24	701360
701340	TPE	Autoclavable, less thermal and dynamic resistance than rubber	50	701368
701354	EVA	Chemical- and oil-resistant, -40 °C to +100 °C	24	701362
701355	Silicone	Chemical-resistant, H ₂ O-repellent, -80 °C to +120 °C	50	701357



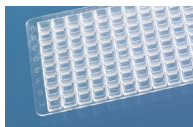
701358



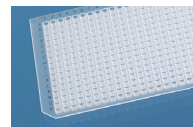
701360



70168



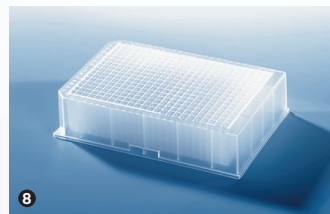
701362



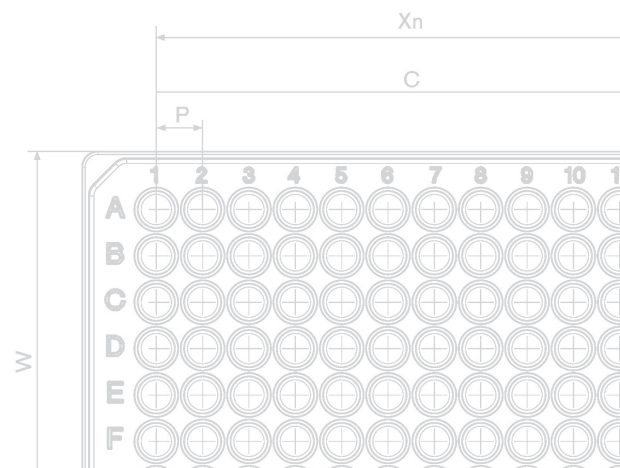
701357














1
96-well microplate,
up to 0.3 ml



8
384-well deep-well plate,
up to 0.3 ml



Sealing films, self-adhesive

PCR		701367 (100 sheets) PP, DMSO resistant, transparent, -80 °C to +120 °C		781390 (100 sheets) PP, transparent, -40 °C to +125 °C		781391 (100 sheets) Polyester, high transparency, -40 °C to +120 °C
Storage		701367 (100 sheets) PP, DMSO resistant, transparent, -80 °C to +120 °C		781381 (100 sheets) Aluminium for cold storage, pierceable, -80 to +120 °C		
ELISA		781390 (100 sheets) PP, transparent, -40 °C to +125 °C		781391 (100 sheets) Polyester, high transparency, -40 °C to +120 °C		
Cell and tissue culture		701364 (100 sheets) Rayon, non-sterile, gas-permeable, -20 °C to +80 °C				
		701365 sterile (50 sheets)				
Fluorescence measurement		701371 (50 sheets) Vinyl, black, light-absorbent, -40 °C to +80 °C				
Luminescence measurement		701372 (50 sheets) Vinyl, white, reflective, -40 °C to +80 °C				
Automation		701370 (50 sheets) PE top, PP underside, pierceable, chemically inert, -40 °C to +90 °C				

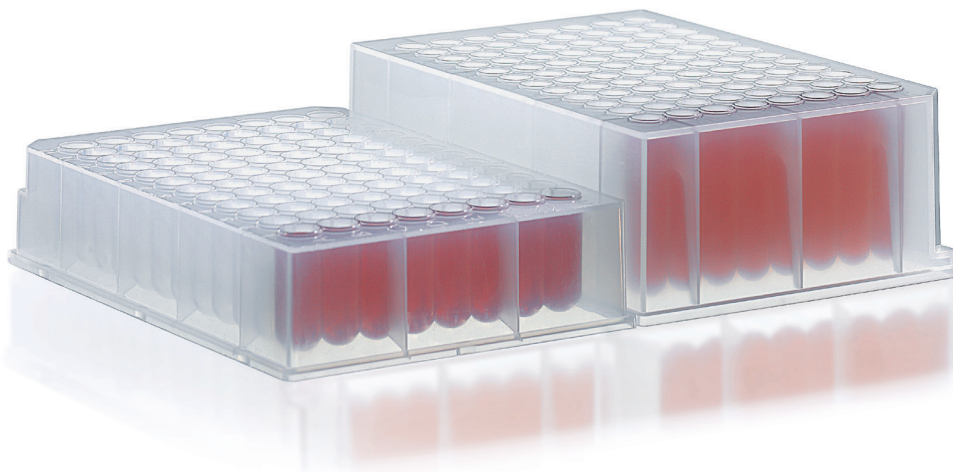
Roller

Hard rubber. For simple, even pressure of self-adhesive films. Pack of 1.



Cat. No.

701380



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