

Deep-well Plates



Perfectly sealable for careful storage of your samples

Low profile variation for up to 30% more space in your refrigerator

Permits use with automatic systems ANSI/SLAS standard



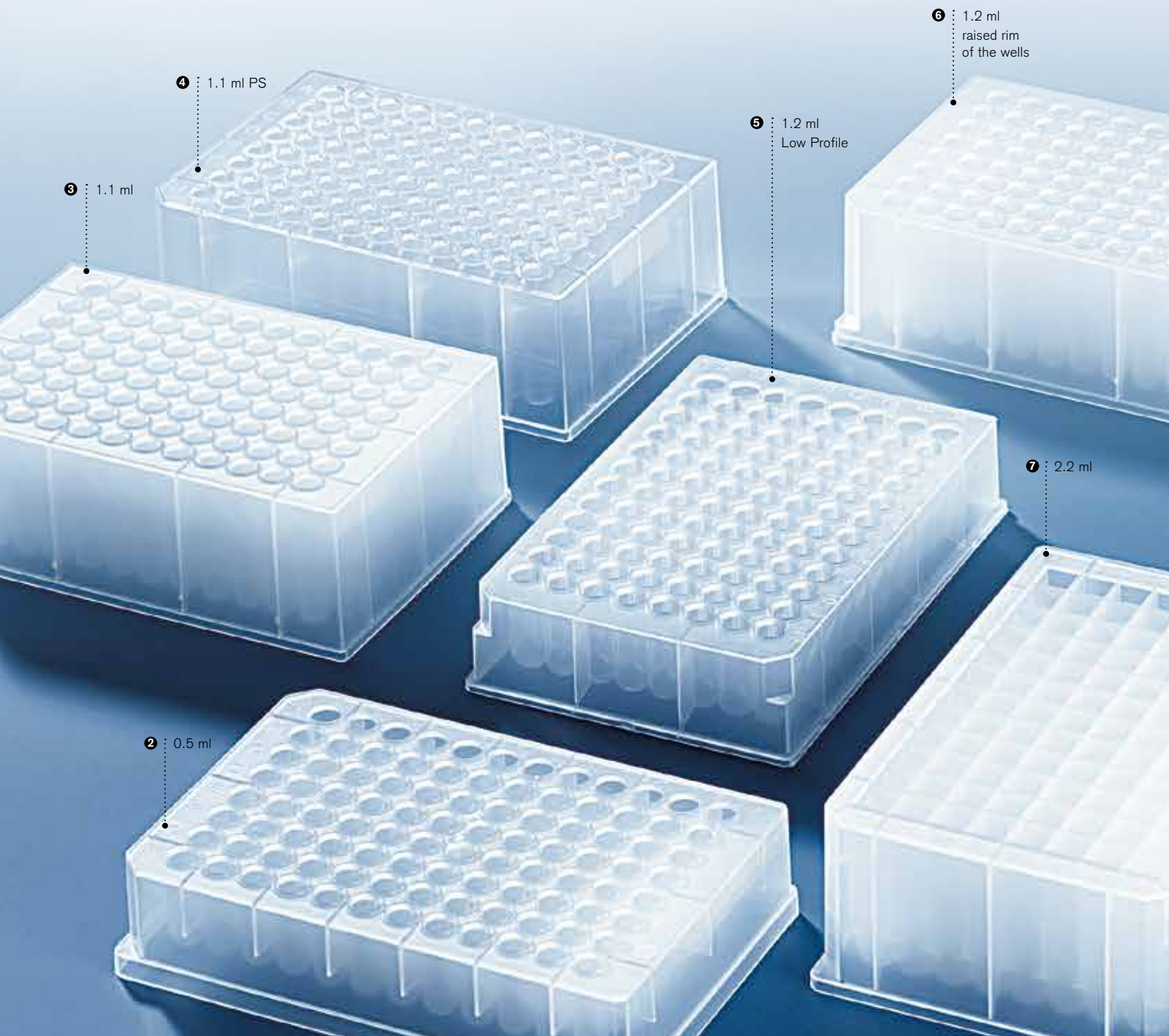
Deep-well Plates

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 multichannel 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).

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.



96-well Deep-well Plates

Better protection from contamination with raised rim

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 smooth and chemically inert well interior
- Temperature range -80 °C to 121 °C
- Plates of PP autoclavable at 121 °C (2 bar), acc. DIN EN 285
- Free from RNase, DNase, endotoxins and human 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.
❶ 96-well microplate	0.3	PP	●	U	100	7013 30
96-well deep-well plates:						
❷ standard	0.5	PP	●	U	48	7013 46
❸ standard	1.1	PP	●	U	24	7013 50
❹ standard*	1.1	PS	●	U	32	7013 52
❺ Low Profile**	1.2	PP	●	U	50	7013 40
❻ elevated skirt	1.2	PP	●	U	32	7013 42
❼ standard	2.2	PP	■	F	24	7013 54
❸ 384-well deep-well plate	0.3	PP	■	V	48	7013 55

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



96-well microplate, up to 0.3 ml



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

Sealing Mats

For deep-well plate Cat. No.	Material	Features	Pack of	Cat. No.
7013 46	Polypropylene	Chemical-, acid- and base-resistant, autoclavable, -80 °C to +120 °C	50	7013 58
7013 50 7013 52	Modified Polyethylene	Resistant to chemicals and polar solvents	24	7013 60
7013 40	TPE	Autoclavable, less thermal and dynamic resistance than rubber	50	7013 68
7013 54	EVA	Chemical- and oil-resistant, -40 °C to +100 °C	24	7013 62
7013 55	Silicone	Chemical-resistant, H ₂ O-repellent, -80 °C to +120 °C	50	7013 57
7013 46 7013 40	Polystyrene	Crystal-clear for optical analyses, stackable, contamination protection	50	7821 52



7013 58



7013 60



7013 68



7013 62










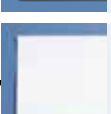




7013 57



7821 52

Sealing films, self-adhesive

PCR		7013 67 (100 sheets) PP, DMSO resistant, transparent, -80 °C to +120 °C		7813 90 (100 sheets) PP, transparent, -40 °C to +125 °C		7813 91 (100 sheets) Polyester, high transparency, -40 °C to +120 °C
Storage		7013 67 (100 sheets) PP, DMSO resistant, transparent, -80 °C to +120 °C		7813 81 (100 sheets) Aluminium for cold storage, pierceable, -80 to +120 °C		
ELISA		7813 90 (100 sheets) PP, transparent, -40 °C to +125 °C		7813 91 (100 sheets) Polyester, high transparency, pressure sensitive -40 °C to +120 °C		
Cell and tissue culture		7013 64 (100 sheets) Rayon, non-sterile, gas-permeable, -20 °C to +80 °C 7013 65 sterile (50 sheets)				
Fluorescence measurement		7013 71 (50 sheets) Vinyl, black, light-absorbent, -40 °C to +80 °C				
Luminescence measurement		7013 72 (50 sheets) Vinyl, white, reflective, -40 °C to +80 °C				
Automation		7013 70 (50 sheets) PE top, PP underside, pierceable, chemically inert, with tack-free areas, -40 °C to +90 °C		7013 74 (100 sheets) Vinyl, acrylic adhesive, pre-cut. Repeatedly pierceable with pipette tips, -40 °C to +90 °C		

Spatula

For simple, even pressure of self-adhesive films.
Packaging unit 2 pieces.



Cat. No.

7013 80

Deep-well plates are also available **with bar codes**. More information at www.brand.de.



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