

96 Round Deep Well Storage Microplate



1.2 ml or 2.0 ml round wells, U-shaped bottom, clear polypropylene

- ✔ These 96 deep well storage microplates are suitable for many manual and automated protocols, such as the Illumina® library and sample preparations, due to the plates' SBS footprint
- ✔ Additionally, they are suitable for use on magnetic plates for bead separation protocols
- ✔ Our round deep well storage microplates are available in two types of well volumes: 1.2 ml wells (4ti-0120) and 2.0 ml wells (4ti-0130)
- ✔ Both of these plates are ultra-flat for a completely uniform seal, either with our adhesive or heat seals, or with our accompanying silicone sealing mats (4ti-0135 mat for the 1.2 ml plate ; 4ti-0138 mat for the 2.0 ml plate)
- ✔ Our plates are manufactured in cleanroom facilities which are certified free of RNase, DNase, human genomic DNA and endotoxins
- ✔ We use only the highest medical grade virgin polypropylene with high resistance against chemicals such as DMSO, phenol, and chloroform

Key Features

- ✔ Made from polypropylene, a material with very low biomolecular binding characteristics, a high temperature tolerance and resistance to many standard laboratory chemicals, including DMSO
- ✔ Autoclavable
- ✔ Free from RNase, DNase, human genomic DNA and endotoxins

Wells

- ✔ Round wells, suitable for most applications as they reduce droplet effects and wicking
- ✔ U-shaped bottoms

Frame

- ✔ Alphanumeric grid reference to aid well and sample identification
- ✔ SBS footprint

Use

- ✔ Clear plate, perfect for storage applications
- ✔ Suitable as a collection plate from filter systems
- ✔ Temperature range for use: -80°C to 120°C
- ✔ U-shaped bottom plates are best for washing, mixing and pelleting and give high surface area
- ✔ Stackable
- ✔ Suitable for adhesive and heat sealing

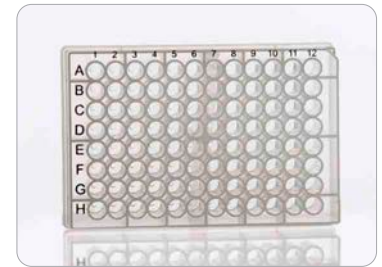
Options

- ✔ Available with 1.2 ml and 2.0 ml wells
- ✔ Available barcoded upon request
- ✔ Non-sterile as standard, sterilization available upon request; contact us for details and pricing
- ✔ 2 clear silicone sealing mats (4ti-0135 and 4ti-0138) are also available to fit these plates

Ordering Information

Code	Details	Quantity
4ti-0120	1.2 ml wells	50 plates
4ti-0130	2.0 ml wells	50 plates
Related Products		
4ti-0135	Silicone Sealing Cap Mat, white	100 mats
4ti-0138	Silicone Sealing Cap Mat, clear	50 mats

96 Round Deep Well Storage Microplate, For Magnetic Separators



1 ml round wells, V-shaped bottom, clear polypropylene

- ✔ These 96 deep well storage microplates are especially designed for use with magnetic separators for bead separation protocols
- ✔ Due to the special shape of the stacking ribs, the plate sits much lower on the magnetic separator than standard round well plates thus facilitating the speed and efficiency of the separation process
- ✔ The plates are ultra-flat for a completely uniform seal; sealing possible with either adhesive or heat seals

Key Features

- ✔ Made from polypropylene, a material with very low biomolecular binding characteristics, a high temperature tolerance and resistance to many standard laboratory chemicals, including DMSO
- ✔ Autoclavable
- ✔ Free from RNase, DNase, human genomic DNA and endotoxins

Wells

- ✔ Round wells: suitable for most applications, as they reduce droplet effects and wicking
- ✔ V-shaped bottom

Frame

- ✔ Alphanumeric grid reference to aid well and sample identification
- ✔ SBS footprint

Use

- ✔ Perfect fit to magnetic separators: the magnetic beads separate perfectly into e.g. a ring (if a ring magnet is used) allowing easy removal of supernatant from the center of the well by manual or automated pipetting
- ✔ Best for small volume recovery due to the V-shaped bottom, as the liquid gathers at the lowest point of the V for easy pipetting
- ✔ Replaces the 96-well storage plates, round well, 0.8 ml (MIDI plate, Fisher Scientific® part number AB-0859), in e.g. Illumina® protocols
- ✔ Compatible with plate readers and ideal for use with automation
- ✔ Temperature range for use: -80°C to 120°C

Options

- ✔ Ultra-low DNA binding option available (4ti-LB0125) for sensitive applications with ultra-low DNA input and for maximum DNA recovery after low temperature storage and high temperature incubation
- ✔ Non-sterile as standard, sterilization available upon request; contact us for details and pricing
- ✔ Available barcoded upon request
- ✔ Silicone sealing cap mat (4ti-0124) available separately: efficiently prevents cross contamination and sample evaporation to ensure a high degree of sample security

Ordering Information

Code	Details	Quantity
4ti-0125	Clear plates	50 plates
4ti-LB0125	Clear, low binding plates	50 plates
Related Products		
4ti-0124	Silicone Sealing Cap Mat	50 mats

96 Round Well Storage Microplate



200 µl, 300 µl, 330 µl or 350 µl round wells, U or V shaped bottom, clear polypropylene; also available as a low binding plate with ultra-low DNA binding properties

- ✔ These shallow 96 well storage microplates are particularly suitable for collection and preservation of samples widely used in cell biology research, molecular biology research, and drug discovery
- ✔ Four formats of this plate are available: a U-bottom plate with 300 µl or 330 µl well volumes (4ti-01 10 and 4ti-01 16 respectively), and a V-bottom plate with 200 µl or 330 µl well volume (4ti-LB0109 and 4ti-0117 respectively)
- ✔ Also available as a low binding plate with ultra-low DNA binding properties (4ti-LB0109) for sensitive applications such as Next Generation Sequencing sample preparation
- ✔ All of these plates are ultra-flat for a completely uniform seal, either with adhesive or heat seals, or with our accompanying silicone sealing mat (4ti-0138)
- ✔ These plates are manufactured in cleanroom facilities which are certified free of RNase, DNase, human genomic DNA and endotoxins
- ✔ We use only the highest medical grade virgin polypropylene with high resistance against chemicals such as DMSO, phenol, and chloroform

Key Features

- ✔ Made from polypropylene, a material with very low biomolecular binding characteristics, a high temperature tolerance and resistance to many standard laboratory chemicals, including DMSO
- ✔ Autoclavable
- ✔ Free from RNase, DNase, human genomic DNA and endotoxins
- ✔ Low binding option made of selected low bind polymers, no coating is used to achieve the binding characteristics; they feature stacking ribs under the deck for improved stability, strengthening the plate for use in robotic automation applications

Wells

- ✔ Conical V-bottoms (4ti-LB0109 and 4ti-0117) and U-shaped bottoms (4ti-01 10 and 4ti-0116)
- ✔ Round wells, suitable for most applications as they reduce droplet effects and wicking

Frame

- ✔ Alphanumeric grid reference to aid well and sample identification
- ✔ SBS footprint

Use

- ✔ Clear plate, perfect for storage applications
- ✔ Suitable as a collection plate from filter systems
- ✔ Temperature range for use: -80°C to 120°C
- ✔ Best for precipitation, centrifugation and small volume recovery due to the V-shaped bottom, as the liquid gathers at the lowest point of the V for easy pipetting
- ✔ U-shaped bottom plates are best for washing, mixing and pelleting and give high surface area
- ✔ Stackable
- ✔ Suitable for adhesive and heat sealing

Options

- ✔ Available with a U-shaped bottom in 300 µl and 330 µl, and with V-shaped bottom in 200 µl and 330 µl
- ✔ Ultra-low DNA binding option available (4ti-LB0109) for sensitive applications with ultra-low DNA input and for maximum DNA recovery after low temperature storage and high temperature incubation; learn more about our low binding range (not suitable for use on PCR blocks)
- ✔ Non-sterile as standard, sterilization available upon request; contact us for details and pricing
- ✔ Available barcoded upon request
- ✔ A clear silicone sealing mat (4ti-0138) is also available to fit these plates

Ordering Information

Code	Details	Quantity
4ti-LB0109	200 µl wells, V shaped bases, low binding	50 plates
4ti-01 10	300 µl wells, U shaped bases	100 plates
4ti-01 16	350 µl wells, U shaped bases	10 x 10 plates
4ti-0117	330 µl wells, V shaped bases	10 x 10 plates
Related Products		
4ti-0138	Silicone Sealing Cap Mat	50 mats



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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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