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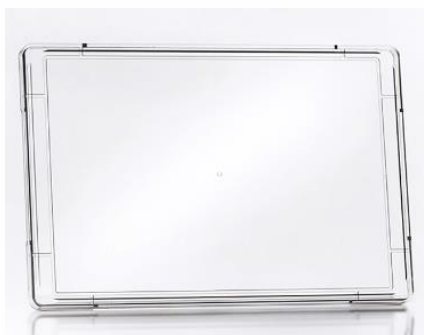
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Microplate Lids

PCR Plate Lid



4ti-0285 | Ultra-Low Universal Lid

Rigid polystyrene lids for PCR, designed to give a quick and easy sealing solution to protect samples from contamination and evaporation

Overview

We now offer four types of PCR plate lids, designed for our PCR plate range.

Azenta Life Sciences lids are manufactured in class 7 ISO certified cleanroom, and all lids are certified free of DNase, RNase, human DNA, bacterial and eukaryotic cells, dust and endotoxins/pyrogens.

Key Features

- **Ultra-Low Universal Lid (4ti-0285)**
 - Profile: ultra-low
 - Cut corner: no cut corners
 - Condensation rings: no condensation rings
 - Sterile: no
 - For use with: the majority of PCR plates available
- **PCR Plate Lid (4ti-0288)**
 - Profile: low
 - Cut corner: H1
 - Condensation rings: no condensation rings
 - Sterile: no
 - For use with: the majority of PCR plates available

- **FrameStar® 96 NGS Lid (4ti-0287)**
 - Profile: low
 - Cut corner: H1
 - Condensation rings: 96 condensation rings
 - Sterile: no
 - For use with: FrameStar 96 Well Skirted PCR Plate (4ti-0960/RIG)
- **FrameStar 96 Lid (4ti-0289)**
 - Profile: low
 - Cut corner: A12
 - Condensation rings: no condensation rings
 - Sterile: no
 - For use with: FrameStar 96 Well Semi-Skirted PCR Plate, ABI® Style (4ti-0770)

Ordering Information

Use these part numbers to request a quote, a sample or to contact an expert:

Part number	Description
PCR Plate Lid Rigid polystyrene lids for PCR, designed to give a quick and easy sealing solution to protect samples from contamination and evaporation	
4ti-0285	Ultra-Low Universal Lid; 100 lids
4ti-0288	PCR Plate Lid; 50 lids
4ti-0287	FrameStar 96 NGS Lid; 50 lids
4ti-0289	FrameStar 96 Lid; 50 lids

Microplate Lid



4ti-0290 | Universal Microplate Lid

Rigid polystyrene microplate lids, designed to give a quick and easy sealing solution to protect samples from contamination and evaporation

Overview

These microplate lids are designed to give a quick and easy sealing solution to our range of Optically Clear Tissue Culture Plates and other microplates. A variety of lids are available; to fit 24, 96, or 384 well microplates, and come either sterile or non-sterile.

The lids designed for 96 well and 24 well plates come with condensation rings aligning with the wells of the microplate. The 384 well lids come with two cut corners at A1 and P1; the 96 well lids come with two cut corners at A1 and H1; and the 24 well lids have one cut corner at A1 to align with our microplate range. Our range also includes a universal microplate lid, with no cut corners or condensation rings, so can be used with all microplates.

Azenta Life Sciences lids are manufactured in class 7 ISO certified cleanrooms, and all lids are certified free of DNase, RNase, Human DNA, bacterial and eukaryotic cells, dust and endotoxins/pyrogens.

Key Features

- **Universal Microplate Lid (4ti-0290)**
 - Profile: low
 - Cut corner: no cut corners
 - Condensation rings: no condensation rings
 - Sterile: no
 - For use with: Optically Clear Tissue Culture Plates and assay plates
- **Microplate 384 Lid (4ti-0280)**
 - Profile: low
 - Cut corners: A1/P1
 - Condensation rings: no condensation rings
 - Sterile: not as standard; available sterile under product code 4ti-0281
 - For use with: 384 Well Optically Clear Tissue Culture Plate and 384 Well Assay Plates
- **Microplate 96 Lid (4ti-0282)**
 - Profile: low
 - Cut corners: A1/H1
 - Condensation rings: 96 condensation rings
 - Sterile: not as standard; available sterile under product code 4ti-0283
 - For use with: 96 Well Optically Clear Tissue Culture Plate and 96 Well Assay Plates
- **Microplate 24 Lid (4ti-0284)**
 - Profile: low
 - Cut corner: A1
 - Condensation rings: 24 condensation rings
 - Sterile: not as standard; available sterile under product code 4ti-0286
 - For use with: 24 Well Optically Clear Tissue Culture Plate and 24 Well Assay Plates

Ordering Information

Use these part numbers to request a quote, a sample or to contact an expert:

Part number	Description
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Microplate Lid Rigid polystyrene microplate lids, designed to give a quick and easy sealing solution to protect samples from contamination and evaporation	
4ti-0280	384 Well Microplate Lid; 100 lids
4ti-0281	384 Well Microplate Lid, sterile; 100 lids
4ti-0282	96 Well Microplate Lid; 80 lids
4ti-0283	96 Well Microplate Lid, sterile; 80 lids
4ti-0284	24 Well Microplate Lid; 80 lids
4ti-0286	24 Well Microplate Lid, sterile; 80 lids
4ti-0290	Universal Microplate Lid; 50 lids

Auto-Sealing PCR Plate Lid



4ti-0291 | Auto-Sealing PCR Plate Lid | Front

Designed for use on integrated platforms, the Auto-Sealing PCR Plate Lid provides efficient sealing of plates when an automated sealing instrument is not available. Mitigates evaporation when compared to traditional lids.

- Low profile
- White
- No cut corner
- Integrated compression pad
- PCR applications on integrated instruments

Overview

Developed to support fully automated sealing in the absence of specific instrumentation. Meets the needs of customers using integrated platforms that often lack suitable heat sealing instrumentation especially when low throughput is needed. Specialized alternative to standard lids: while standard

lids protect reagents, the Auto-Sealing PCR Lid helps minimize reagent evaporation during longer incubations.

Universal fit: due to the lack of cut corners, the lid can be applied to most plates, showing good sealing results when pushed down onto the plate.

Key Features

- **Properties & Material**
 - Rigid polycarbonate frame padded with an elastic foam
 - No cut corners
 - Stackable
- **Use**
 - Suitable for automation
 - Universal fit to PCR plates
 - Recommended when full sealing automation is required in the absence of dedicated instrumentation
 - Suitable for low throughput workflows
 - Alternative to heat sealing, when heat sealing materials and instrumentation are not an option
 - Alternative to standard lids for longer incubations

Specifications

Parameter	Auto-Sealing PCR Plate Lid
Lid length	128.10 ± 0.10mm
Lid width	85.80 ± 0.10mm
Lid height	8.20 ± 0.05mm

Ordering Information

Use these part numbers to request a quote, a sample or to contact an expert:

Part number	Description
Auto-Sealing PCR Plate Lid Low profile, white polycarbonate, with integrated compression pad, no cut corner, for PCR applications on integrated instruments	
4ti-0291	20 lids

8 Well PCR Tube Strip Adapter Lid



4ti-0292 | 8 Well PCR Tube Strip Adapter Lid | Front

Low profile, without condensation rings, clear polystyrene, no cut corner, for use with the 8 Well PCR Tube Strip Adapter

- Low profile
- Clear polystyrene
- No cut corner
- No condensation rings
- Interference fit with the 8 Well PCR Tube Strip Adapter

Overview

Specifically designed for use with our 8 Well PCR Tube Strip Adapter. An interference fit provides protection for the strips during handling and shipping.

Azenta Life Sciences lids are manufactured in class 7 ISO certified cleanroom, and all lids are certified free of DNase, RNase, human DNA, bacterial and eukaryotic cells, dust and endotoxins/pyrogens.

Key Features

- **Properties & Material**
 - Profile: low
 - Cut corner: no cut corners
 - Condensation rings: no condensation rings
 - Material: clear polystyrene
 - For use with our 8 Well PCR Tube Strip Adapter

Ordering Information

Use these part numbers to request a quote, a sample or to contact an expert:

Part number	Description
8 Well PCR Tube Strip Adapter Lid Low profile, without condensation rings, clear polystyrene, no cut corner, for use with the 8 Well PCR Tube Strip Adapter	
4ti-0292	10 lids

Combi packs

4ti-0370

8 Well PCR Tube Strip Adapter, With Lid,
includes 8 Well PCR Tube Strip Adapter Lid; 18
adapters and lids

Lid and Piercing Lid



1800054 | Piercing Lid

Lids and Piercing Lids designed for use with single-use heat sealed microtubes and other sealed containers (e.g. storage microplates). See also heat seals for compatible seals. Lids are free of detectable DNA, DNase/RNase, PCR inhibitors, ATP, pyrogens.

Ordering Information

Part number	Description
1800054	Lid Piercing 96, Orange Single-use seal piercer for STBR 96 racks, acts as temporary seal after piercing; 200 lids
1800055	Lid Piercing 96, Red Single-use seal piercer for 96-well plate, acts as temporary seal after piercing; 200 lids
1800053	Lid Piercing 96, Clear Single-use seal piercer for DTBR384 rack/ Storage Plate 384, acts as temporary seal after piercing; 200 lids
1800056	Lid, Purple Universal cover for Microtube Technology racks and storage plates; 200 lids

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