



ABDOS



ABDOS
LIFE SCIENCE

PCR PRODUCTS

Creating For Life Science

www.abdoslifesciences.com

Experience the compact range of plastic consumables for running PCR experiments that includes individual tubes, strip tubes & strip caps, plates, sealing films & mats, deep well plates, reagent reservoir, work up rack & workstation.

- Manufactured in state of art precision mold facility from virgin USP class VI medical grade PP conforming to US FDA 21CFR, free from natural rubber & heavy metal.
- Free of DNase, RNase, human DNA, pyrogen & endotoxin.
- Thin & uniform wall thickness to ensure optimal heat transfer reducing insulating effect.



- Attached snap cap with lid. Caps available are in domed & flat shape.
- Reaction volume ranges are 5-125 ul for 0.2 ml tubes

Application

- Low profile tubes are suitable for fast PCR & low volume reactions, and improves light capture in fluorescence assays as well as low clearance needed to fit in some microplate readers.
- Caps strips can be used with plates & tubes.
- Optically clear flat caps for qPCR.

Ordering Detail :

PCR Tubes, PP			
Code	Capacity (ml)	Type	No. Per Case
P10701	0.2	Clear Flat Cap	1000
P10702	0.2	Domed Cap	1000

Strip Tubes without Cap – 8 strips & 12 strips, PP			
Code	Capacity (ml)	Type	No. Per Case
P10706	0.2	8 Strip Standard Tubes	125 strips
P10708	0.1	8 Strip Low Profile Tubes	125 strips

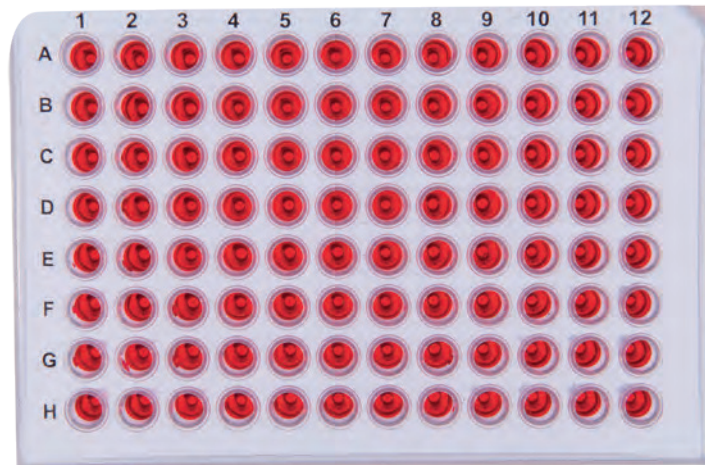


Application

- ABDOS PCR Strip Tubes have uniform ultra-thin walls to reduce the insulating effect on the strips.
- Strip Tubes are available in both Standard and Low Profile Wells.
- ABDOS Strip Caps feature ultra-clear surfaces ideal for fluorescent, luminescent, and real-time PCR applications.
- Both PCR Tubes & Caps are optically clear caps for real-time qPCR.

Ordering Detail :

PCR Tubes, PP			
Code	Capacity (ml)	Type	No. Per Case
P10709	0.2	8 Strip, Flat Cap, Optically Clear	125
P10730	0.1	8 Strip, Flat Cap, Optically Clear	125
P10711	0.2	8 Strip Caps, Domed	125
P10727	0.2	8 Strip Tubes with Optically Clear Flat Cap	125
P10726	0.1	8 Strip Tubes with Optically Clear Flat Cap	125



Choose from our extensive range of 96 well & 384 well PCR plates: standard or low profile; non-skirted /semi-skirted /fully skirted plates with clear wells & frame with alpha numeric identification.

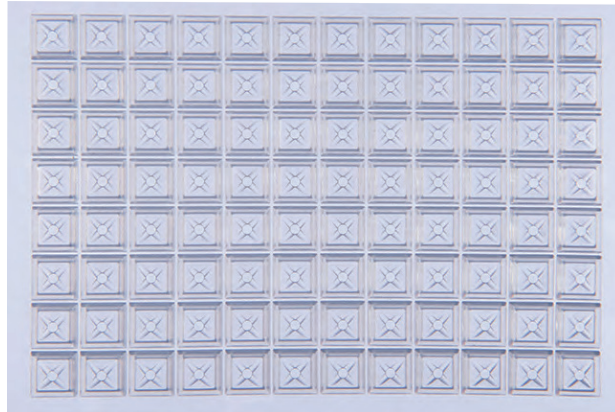
- Warp free plates optimal for thermal cyclers giving max. performance.
- Recommended reaction volume 5-125 μ l (330 μ l maximum) for standard plates.
- Improve light capture in fluorescent assays.
- Suitable for low reaction volumes 5-125 μ l (220 μ l maximum).
- Compatibility with a wide variety of sealing systems.

Application

- Low profile plate well allows less reaction mix to enter the gas phase reducing condensation & minimizing changes in reaction volume.
- Non-skirted plates are available in both high profile and low profile permitting compatibility with all styles of thermal cyclers.
- Fully skirted plates are better suited for robotic liquid handling system.

Ordering Detail :

PCR Plates Family, PP			
Code	Capacity	Type	No. Per Case
P10713	96 Well standard well	Unskirted Standard Well	25 Plates
P10714	96 Well low profile well	Unskirted Low Profile well	25 Plates
P10722	96 Well semi-skirted low profile well	Semi-Skirted low profile	25 Plates
P10716	96 Well semi-skirted standard well	Semi - Skirted Standard Well	10 Plates
P10723	96 Well fully skirted low profile well	Fully-Skirted Low Profile Well	10 Plates
P10717	384 Well fully skirted well	Fully - Skirted Well	10 Plates



Choose from a wide range of pressure, adhesive & heat sealing films for PCR plates during cycling & storage. Peelable, pierceable, or permanent seals. Optimized for PCR, qPCR, NGS and sample storage.

- Sealing mat, silicone designed to seal all PCR plates except P10717, made up of 96 plugs. Plug that cap the individual well on PCR plate.
- Sealing film, polyester is disposable & for single use only with temperature withstanding range from -70 degree Celsius to +100 degree Celsius.
- Sealing film, aluminium opaque in nature.
- Square sealing mats, silicone for sealing deep well plates.
- Specially designed to seal square wells of deep well plates family.
- Can withstand temperature range from -60 degree Celsius to +180 degree Celsius.

Application

- Sealing films, polyester is optically clear suitable for qPCR.
- Silicone sealing mat is autoclavable hence can be reused.

Ordering Detail :

Sealing Mats, Silicone Rubber		
Code	Type	No. Per Case
P10721	Silicone Sealing Mats	50 mats
P10731	Silicone Sealing Mats for 384 well plates	50 mats
* These mats are used for sealing all the above PCR plates except P10717.		

Sealing Films, Polyester		
Code	Type	No. Per Case
P10718	Clear Seal Film	100 sheets

Sealing Films, Aluminium		
Code	Type	No. Per Case
P10719	Silver Seal	100 sheets



- Deep well plates are natural colour 96 square well plate with conical V bottom with alphanumeric indexing. V shaped bottom minimizes residual volume.
- Operating temperature range -80 degree Celsius to +120 degree Celsius temperature.
- Compatible with multi-channel pipette.
- Stackable & reliable tight sealing.

Application

Ideal for sample collection, storage, combinatorial chemistry and library applications, and resistant to most chemicals, solvents and alcohols used in combinatorial chemistry.

Ordering Detail :

Deep Well Plates Family, PP			
Code	Capacity (ml)	Type	No. Per Case
P10802	2.2	Deep Well Plates	25 plates
P10803	1.2	Deep Well Plates	50 plates



- 12 well Reagent reservoir suitable with multi-channel pipette.
- Standard SBS footprint designed to be robot compatible.
- Can be stored at -80 degree Celsius temperature.
- Polypropylene offers a low binding surface to prevent samples from sticking to the side walls during elution, and is chemically inert for combinatorial chemistry applications
- Autoclavable

Application

- Reagent reservoir provides stable platform for various pipetting steps & procedures during repetitive liquid transfer.

Ordering Detail :

Reagent Reservoir,PP			
Code	Capacity	Type	No./Case
P10801	22 ml	Reagent Reservoir	25 Reservoir



- PCR work up stackable racks can accommodate the un-skirted, semi-skirted & fully skirted 96 well PCR plates, individual PCR tubes & PCR strip tubes
- Legs at all four corners make it robust & stable for good grip on the surface.

Application

PCR work up rack aid in PCR sample preparation, pre & post PCR processing by providing stable platform while using plates, tubes & strip tubes.

Ordering Detail :

PCR Workup Rack with Lid, PP			
Code	Tube Capacity (ml)	L x W x H (mm)	No. per case
P11101	1 x 96 well PCR plates, 96 place for individual PCR tube , 12 x 8-well PCR strips	138 x 98 x 39	5



- PCR workstation rack with lid is easily stackable.
- Moulded alphanumeric indexing for fast and accurate identification.
- Operating temperature is -80°C to $+121^{\circ}\text{C}$.
- Available in colours (Red, Green, Yellow, White & Blue).

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Application

PCR work up rack aid in PCR sample preparation, pre & post PCR processing by providing stable platform while using plates, tubes & strip tubes.

Ordering Detail :

PCR Workstation Rack With Lid, PP			
Code	Tube Capacity (ml)	L x W x H (mm)	No. per case
P11103	24 individual 0.2 ml PCR tubes, 16 x 1.5 or 2.0 ml tubes, 16 x 0.5 ml tubes and 96 well rack for PCR plates	215 x 120 x 50	5



- PCR workstation is a closed work space, enclosed on three sides, which provides a secure and contamination free space while preparing to run a PCR reaction.
- PCR hoods are used in biology and genetic labs so that there isn't any cross contamination between samples
- PCR workstations have no circulation, which helps to prevent contamination, and UV lights for sterilization

Application

It is ideally suited for use with non-hazardous contaminants and when flexible access to the instrumentation in the cabinet is required.

Ordering Detail :

Code	Type	Working platform	No. Per Case
E12480	ABDOSMini PCR Work Station	250X120X120 mm	1
E12481	ABDOSMidi PCR Work Station	650x450x300 mm	1
E12483	ABDOSMidi PCR Work Station HEPA Filter with	650x500x300 mm	1
E12482	ABDOSMidi PCR Work Station switch with UV	650x500x300 mm	1

