

*Accumax*



REPLICATING SUCCESS

Accumax PCR Consumables

## Accumax PCR Consumables

When your work matters so much, why can't the quality of your consumables too? When it comes to manufacturing lab consumables too like PCR tubes and plates, most manufacturers are willing to sacrifice when it comes to quality owing to the low profit margins. As a result, most PCR tubes suffer from quality issues which results in a bad user experience. The use of low-quality materials makes the tube walls non-uniformly thick, resulting in glaring inconsistencies in the precision of end-results. The same irregularity in thickness also impacts the heat transfer property of the tubes which again causes marginal but significant errors in the end-result.

Led by relevant insights from extensive research into user feedback and requirements, Accumax's range of Ultra-thin PCR tubes & PCR plates are the result of our significant expertise in developing quality liquid handling equipment. These come with various design aspects which are meant to make your work in the lab easier while providing exceptional heat-transfer due to its ultra-thin but robust walls. The impeccable standards of quality established throughout the manufacturing process results in tubes & plates with uniform thickness walls which guarantee precise and error-free results every single time. Discover perfection unlike any other with Accumax PCR tubes & PCR plates.



## PCR Tubes

- Ultra thin walls of 0.35mm thickness ensures maximum heat transfer for reaction
- Free from PCR inhibitor and Endotoxin
- Certified DNase, RNase & human DNA free
- Specially designed smaller bulk packs to avoid contamination by different researcher
- Non-reactive internal surface and uniform wall thickness for consistent & error-free results
- Assured evaporation rate of < 5%
- Universal adaptability to thermocyclers of various brands
- Autoclavable



Cat. No.	Description	Quantity / Pack	Quantity / Case
APC-001	0.2ml flat cap clear tubes	500 Tubes	500 Tubes X 6 Packs

## PCR Strip Tubes

- Ultra thin walls ensure maximum heat transfer
- Free from PCR inhibitor and Endotoxin
- Certified DNase, RNase & human DNA free
- Specially designed smaller bulk packs to avoid contamination by different researcher
- Non-reactive internal surface and uniform wall thickness for consistent & error-free results
- Wide range of offering as per need in strips and plates that suits wider applications for PCR and qPCR



Cat. No.	Description	Quantity / Pack	Quantity / Case
APC-011	0.2ml PCR 8-Strip Tube with Attached Flat Cap	12 Strips	12 Strips X 10 Packs
APC-012	0.2ml PCR 8-Strip Tube with Separate Flat Cap	12 Strips + 120 Caps	12 Strips X 10 Packs+ 120 Caps
APC-013	0.2ml PCR 8-Strip Tube & Separate Domed Cap	12 Strips + 120 Caps	12 Strips X 10 Packs+ 120 Caps
APC-014	0.1ml qPCR 8-Strip Tubes with Optical Caps	12 Strips + 12 Caps	(12 Strips + 12 Caps) X 10 Packs
APC-015	0.1ml qPCR 8-Strip White Tubes with Optical Caps	12 Strips + 12 Caps	(12 Strips + 12 Caps) X 10 Packs
APC-016	0.2ml qPCR 8-Strip Tubes with Optical Caps	12 Strips + 12 Caps	(12 Strips + 12 Caps) X 10 Packs
APC-017	0.2ml qPCR 8-Strip White Tubes with Optical Caps	12 Strips + 12 Caps	(12 Strips + 12 Caps) X 10 Packs
APC-018	0.1ml, 4-Strip qPCR Rotogene Tube	250 4-Tube Strips + 250 4-Strip Caps	250 4-Tube Strips & 4 Strip Caps X 1 Pack

## PCR Plates

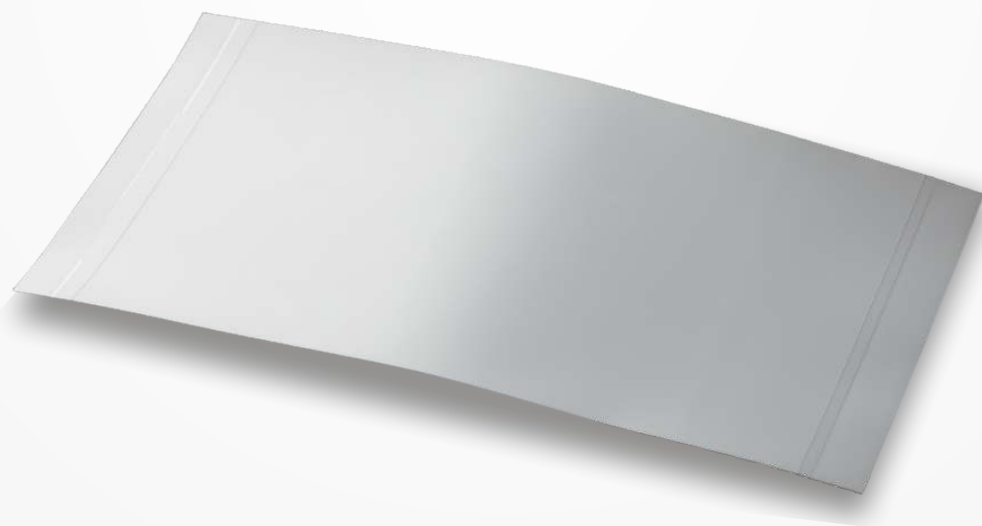
- Ultra thin walls ensure maximum heat transfer
- Free from PCR inhibitor and Endotoxin
- Certified DNase, RNase & human DNA free
- Specially designed smaller bulk packs to avoid contamination by different researcher
- Non-reactive internal surface and uniform wall thickness for consistent & error-free results
- Wide range of offering as per need in strips and plates that suits wider applications for PCR and qPCR



Cat. No.	Description	Quantity / Pack	Quantity / Case
APC-021	0.2ml, No Skirt, Standard Profile PCR 96 Well Plate	10 Plates	10 Plates X 5 Packs
APC-022	0.2ml, Sub-Semi Skirted, Standard Profile qPCR 96 Well Plate	10 Plates	10 Plates X 5 Packs
APC-023	0.1ml, Sub-Semi Skirted, Low Profile qPCR 96 Well Plate	10 Plates	10 Plates X 5 Packs
APC-024	0.1ml, Semi skirted, Low Profile qPCR 96 well Plate	10 Plates	10 Plates X 5 Packs
APC-025	0.1ml, Semi skirted, Low Profile qPCR 96 well White Plate	10 Plates	10 Plates X 5 Packs
APC-026	0.05ml, fully skirted standard profile Optical 384 well PCR plates	10 Plates	10 Plates X 5 Packs

## Transparent Seal

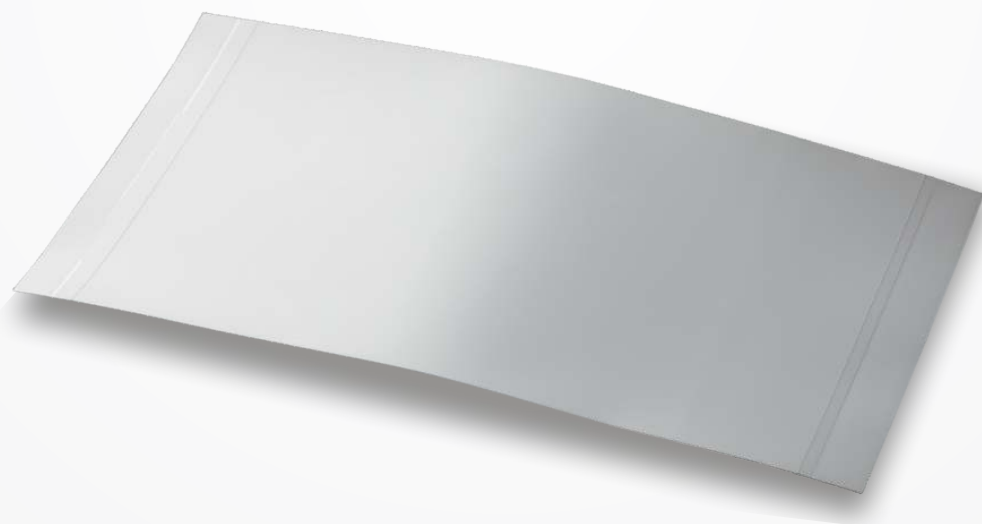
- Strong adhesive prevents evaporation during thermal cycles
- Temperature stability range from -20 to 120° C
- Highly transparent & clear for sample inspection
- Doesn't interfere with the luminescence & fluorescence assay
- Non pierceable provides better protection for accidental pierce
- \*Easy adhesive film doesn't require any pressure to apply on



Cat. No.	Description	Quantity / Pack	Quantity / Case
APC-031	PCR 96 well plate sealing membrane	10 Membranes	10 Membranes X 10 Packs
*APC-032	qPCR 96 well plate optical sealing, pressure sensitive membrane	10 Membranes	10 Membranes X 10 Packs

## Aluminium Seal

- Easy adhesive film doesn't require any pressure to apply on
- Strong adhesive prevents evaporation during thermal cycles
- Temperature stability range from -20 to 120° C
- Provides supreme evaporation protection
- Easy to pierce for sample recovery
- Better protection for light sensitive samples



Cat. No.	Description	Quantity / Pack	Quantity / Case
APC-033	Aluminium membrane	10 Membranes	10 Membranes X 10 Packs



## Intended Usage

Accumax PCR Consumables are intended to use only in research labs for Nucleic acid (DNA/RNA) amplification in thermocycler & Real Time PCR, from varied sample types ranging from Microbes, Pathogens, Plants, animals & including samples of Human origin within the scope of in-vitro diagnostic applications, in order to allow the in-vitro diagnostic medical device to be used as intended. Therefore these PCR Consumables, being in-vitro diagnostic accessories, are in themselves in-vitro diagnostic medical devices within the meaning of Directive 98/79/EC of the European Parliament and of the Council of 27 October 1998 on in-vitro diagnostic medical devices.

These consumables are highly heat resistant up to 121 degree Celsius thus making it compatible with every type of PCR reaction. The consumables are designed to adapt every major leading thermocycler in the world. Accumax PCR Consumables are intended exclusively for use by qualified staff, and for one use only.



# Plate Compatibility Chart

PLATE COMPATIBILITY CHART								
	Note/ Holder No.	APC-018	APC-021	APC-022	APC-023	APC-024	APC-025	APC-026
Standard Well (0.2ml, height 21mm)			☑	☑				
Low Profile Well (0.1ml, height 16mm)					☑	☑	☑	
<b>Applied Biosystems</b>								
7000				☑				
7300	4367032			☑				
7500	4367032			☑				
7900HT Fast (with tray) (0.1ml type)					☑			
7900HT Fast (with tray) (0.2ml type)				☑				
StepOne	48-Well							
StepOne Plus					☑			
7500Fast	4359652				☑			
ViiA7 Fast (0.1ml model)	4459846				☑			
ViiA7 Fast (0.2ml model)	4459845			☑				
QuantStudio Fast 96-well Block (0.1ml model)	4459846				☑			
QuantStudio Fast 96-well Block (0.2ml model)	4459845			☑				
5700	Sequencer			☑				
7700	Sequencer			☑				
310/3100/3130	Sequencer			☑				
3700/3730	Sequencer			☑				
3730xl/3500xl								☑
Sequencing Plates								☑
3730, 3730xl, 3500, 3500xl								☑
Amersham Mega Base 4000								☑
<b>Roche</b>								
LightCycler 480								☑
LightCycler 480 II								☑
LightCycler 96								☑
LightCycler Nano	32-Well							
<b>Bio-Rad</b>								
iCycler iQ			☑					
iQ5			☑					
MyiQ			☑					
Chromo4			☑					
Opticon I							☑	☑
Opticon II							☑	☑
mini Opticon	48-Well							
CFX96							☑	☑
CFX384								
<b>Stratagene</b>								
Mx4000/3000P/3005P			☑					

# Plate Compatibility Chart

PLATE COMPATIBILITY CHART								
	Note/ Holder No.	APC-018	APC-021	APC-022	APC-023	APC-024	APC-025	APC-026
<b>Eppendorf</b>								
Master Cycle ep Realples			<input checked="" type="checkbox"/>					
Gradient Cycler ep								<input checked="" type="checkbox"/>
<b>Thermo Scientific</b>								
PikoReal 24 Real-Time PCR	24-Well							
<b>Biometra</b>								
Toptical Thermocycler			<input checked="" type="checkbox"/>					
<b>Amersham</b>								
Megabase 4000								<input checked="" type="checkbox"/>
<b>Qiagen®</b>								
Rotogene®		<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>

ACCUMAX QPCR PRODUCTS CORRESPONDING TO APPLIED BIOSYSTEMS & BIO-RAD PLASTICWARE		
Accumax Cat. No.	Applied Biosystems Cat. No.	Bio-Rad Cat. No.
APC-021	N/A	MLP-9601 / 223-9441
APC-022	N8010560 / 4316813 (big pack)	MSS-9601
APC-023	4346907	N/A
APC-024	N/A	MSP-9601 / MLL-9601
APC-025	N/A	MLL-9651 (white)
APC-032	4311971	MSC-1001

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Accumax Lab Devices Pvt. Ltd.  
www.accumaximum.com



ISO 9001:2015  
ISO 13485:2016

\*We also execute OEM projects. Specifications can be changed without notice for quality improvement.