

ΔACCUMAX



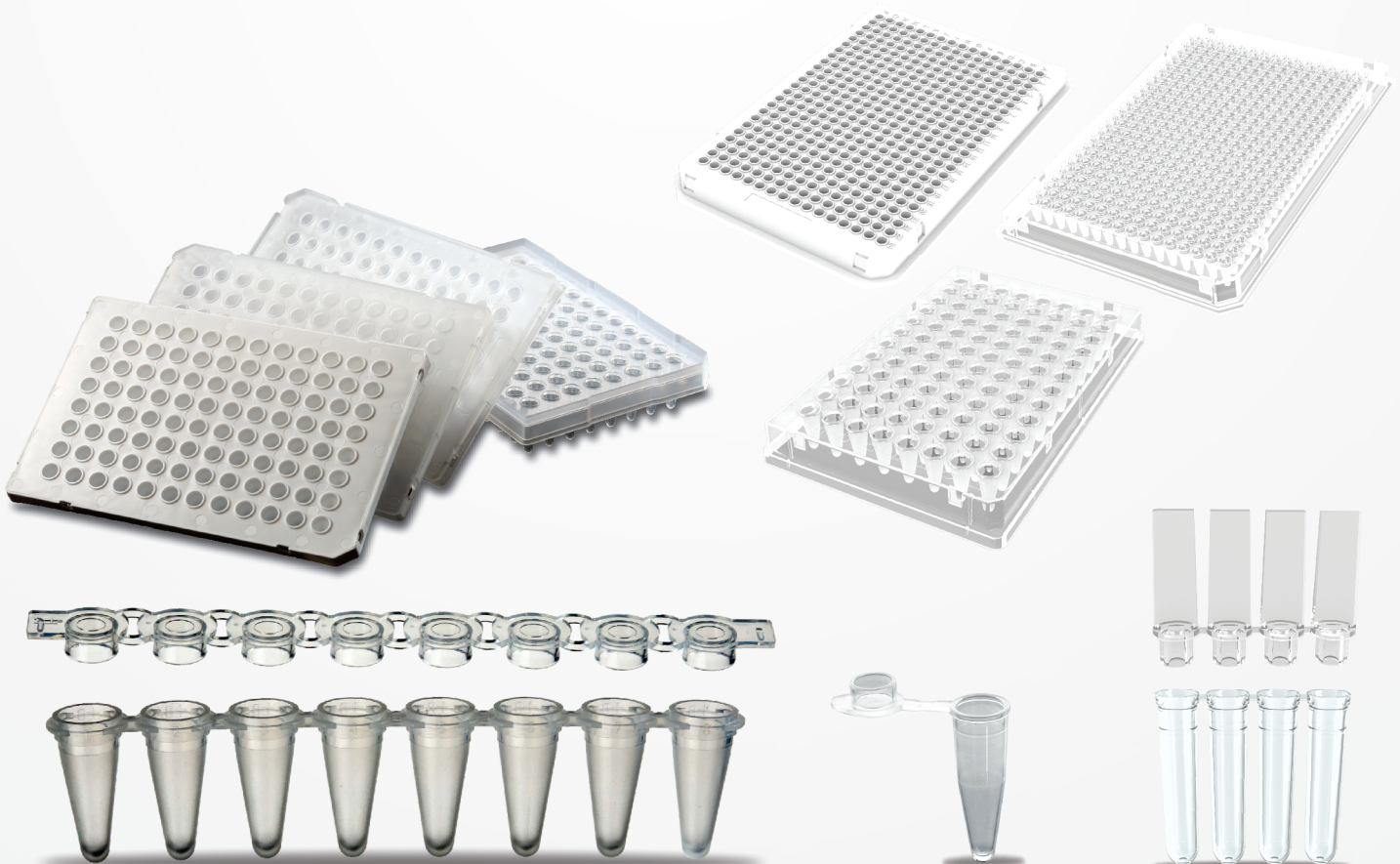
REPLICATING SUCCESS

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

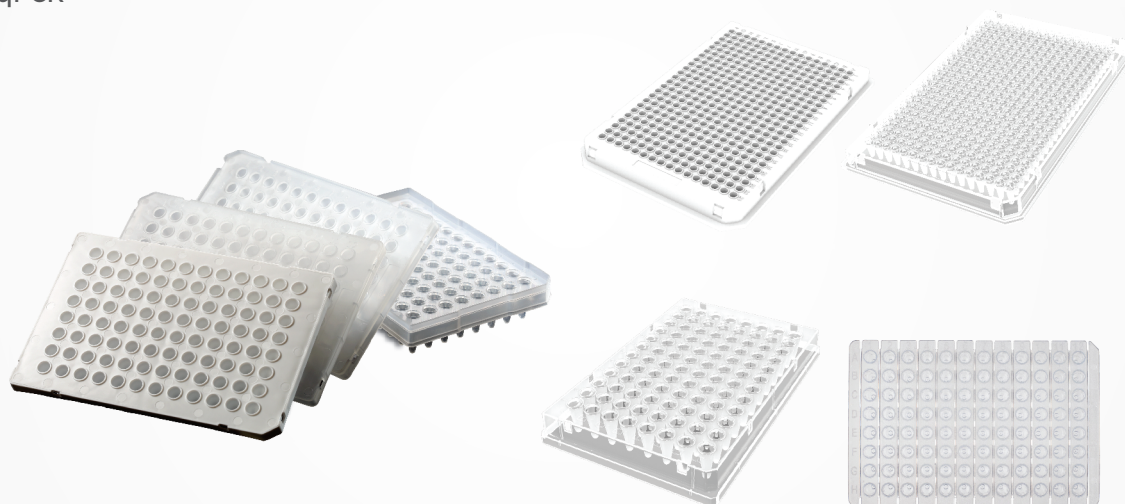
- Ultra thin walls ensure maximum heat transfer
- Free from PCR inhibitor and Endotoxin
- Certified DNase, RNase & human DNA free
- Specially designed smaller bulk packs to avoid contamination by different researcher
- Non-reactive internal surface and uniform wall thickness for consistent & error-free 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-020 | 0.1ml, No Skirt, Standard Profile PCR 96 Well Plate | 10 Plates | 10 Plates X 5 Packs |
| APC-021 | 0.2ml, No Skirt, Standard Profile PCR 96 Well Plate | 10 Plates | 10 Plates X 5 Packs |
| APC-021-TO | 0.2ml, Standard tear out 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-022-F | 0.2ml, Semi Skirted, Standard Profile, Flat top, Straight side qPCR 96 Well Plate | 10 Plates | 10 Plates X 5 Packs |
| APC-022-S | 0.2ml, Semi skirted, with straight top, 6 place side gripped qPCR 96 Well PCR 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 |
| APC-027 | 0.05ml, fully skirted standard profile white 384 well PCR plates | 10 Plates | 10 Plates X 5 Packs |
| APC-028 | 0.1ml fully skirted, low profile PCR 96 well plate | 10 Plates | 10 Plates X 5 Packs |

Transparent Seal

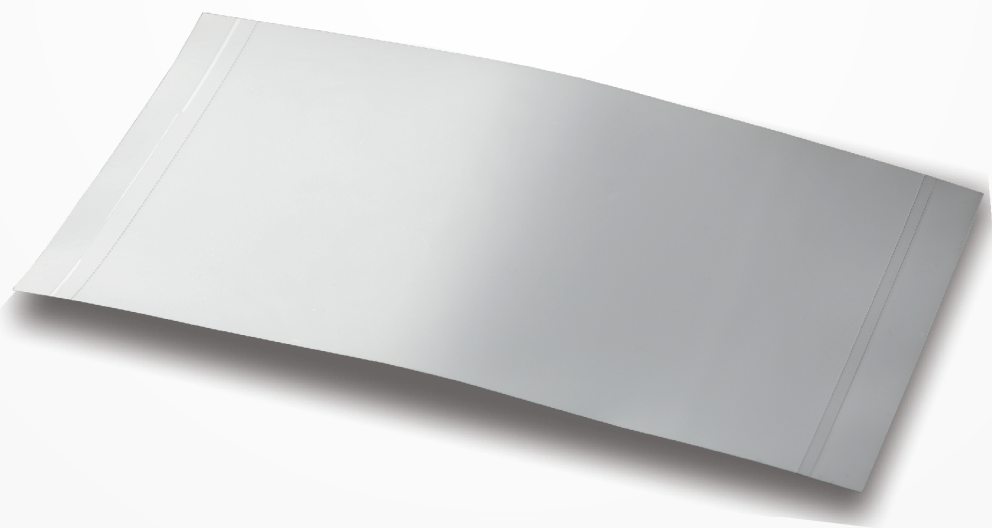
- Strong adhesive prevents evaporation during thermal cycles
- Temperature stability range from -20 to 120° C
- Highly transparent & clear for sample inspection
- Doesn't interfere with the luminescence & fluorescence assay
- Non pierceable provides better protection for accidental pierce
- *Easy adhesive 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- 020 | APC- 021 | APC- 021-TO | APC- 022 | APC- 022-F | APC- 022-S | APC- 023 | APC- 024 | APC- 025 | APC- 026 | APC- 027 | APC- 028 |
| Standard Well (0.2ml, height 21mm) | | | | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | |
| Low Profile Well (0.1ml, height 16mm) | | | ✓ | | | | | | ✓ | ✓ | ✓ | | | |
| Applied Biosystems | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | ✓ | ✓ | |
| Roche | | | | | | | | | | | | | | |
| LightCycler 480 | | | | | | | | | | | | ✓ | ✓ | |
| LightCycler 480 II | | | | | | | | | | | | ✓ | ✓ | |
| LightCycler 96 | | | | | | | | | | | ✓ | | | ✓ |
| LightCycler Nano | 32-Well | | | | | | | | | | | | | |
| Bio-Rad | | | | | | | | | | | | | | |
| iCycler iQ | | | | ✓ | ✓ | | | | | | | | | |
| iQ5 | | | | ✓ | ✓ | | | | | | | | | |
| MyiQ | | | | ✓ | ✓ | | | | | | | | | |
| Chromo4 | | | | ✓ | ✓ | | | | | | | | | |
| Opticon I | | | | | | | | | | ✓ | ✓ | | | |
| Opticon II | | | | | | | | | | ✓ | ✓ | | | |
| mini Opticon | 48-Well | | | | | | | | | | | | | |
| CFX96 | | | | | | | | | | ✓ | ✓ | | | ✓ |
| CFX384 | | | | | | | | | | | | ✓ | ✓ | |
| Stratagene | | | | | | | | | | | | | | |
| Mx4000/3000P/3005P | | | | ✓ | ✓ | | | | | | | | | |

Note: All the plates are compatible with different End point PCR (Thermal Cycler) machines.
based on respective Thermal block well number 96/384 plates can be selected and used accordingly

ΔACCUMAX

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.