



**New!**

# BioMicroLab PCR Consumables

Now Offering High Quality PCR Tubes & Well Plates!

## 96 Well PCR Plates Product Line

- Full-skirted and half-skirted
- Clear or white wells
- Automation compatible

*Recommended PCR volumes: 5 $\mu$ L – 200 $\mu$ L*

*Maximum well volume: 200 $\mu$ L*



*96 well full-skirt and half-skirt, 0.2mL capacity*

## PCR Tube Product Line

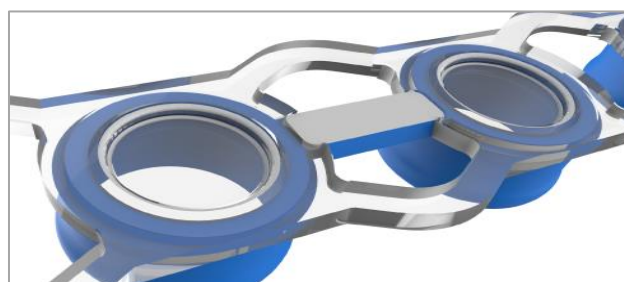
- Individual PCR tubes with attached cap
- PCR strip tubes with attached caps
- Ergonomic PCR strip tubes with co-molded caps
- PCR and Real time / qPCR options

## Features and Benefits

- Designed to hold low-volume reaction mixes
- Manufactured with medical-grade polypropylene
- Thin rigid walls for efficient heat transfer during amplification
- Raised well rims for effective sealing
- Free of detectable DNase, RNase and endotoxin
- Suitable for real-time / quantitative PCR
- Extensive thermal cycler compatibility
- Rigid style 96 well PCR microplate is ideal for automated PCR assembly
- Highly visible alphanumeric coding
- Thermal cycler compatibility list available
- Ideal for use with BioMicroLab VolumeCheck™



*Ergonomic real time / qPCR strip tubes & co-molded caps*



*Ergonomic real time / qPCR blue strip caps*



BioMicroLab provides automation solutions for tube and vial handling, liquid handling, capping/decapping, labeling, volume detection, and 2D barcode readers for pharmaceutical, biotech, agricultural and research laboratories worldwide. We have a no-compromise commitment to equipping our customers with innovative and world-class sample management tools.

# PCR Consumables



## Unique Features

- AGB PCR Tube and plate performance in PCR reaction exceeds the leading PCR consumables offered in the market
- Ergonomic co-molded cap design significantly reduces cap installation force over 10 times, greatly improving workplace ergonomics without the adverse effects of sample evaporation
- Single tube with attached optically clear cap for Real Time PCR
- Numbering feature on the 8-strip PCR tube is unique and reduces mislabeling issue

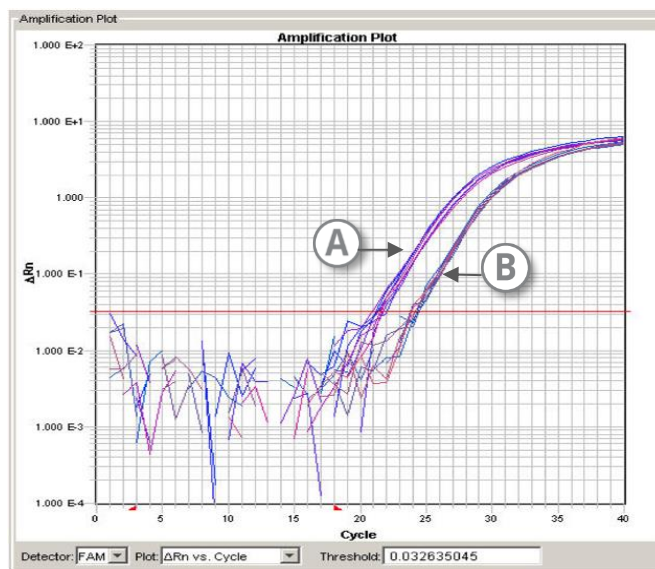
## Amplification Plot

### **A** AGB two color 8 strip tubes / with AGB Ergonomic optical caps (PCR-8SPT-RT-.2-R)

- Axygen 8 strip tubes (PCR-0208-C) with (AGB Ergonomic optical caps PCR-8SCP-RT-B)
- Bio-Rad 8 Strip tubes (TBS0201) with (AGB Ergonomic Optical cap PCR-8SCP-RT-B)
- LifeTech 8 strip tubes (N8010580) with AGB Ergonomic Optical caps PCR-8SCP-RT-B)
- AlphaGem Rigid Full Skirt PCR plate with (AGB Ergonomic Optical caps PCR-8SCP-RT-B)

### **B** PCR tubes / plate with each respective caps

- Axygen (PCR-0208-C & PCR-2CP-RT-C)
- Bio-Rad (TCS0803 & TBS0201)
- LifeTech (N8010612)
- AlphaGem (Rigid Full Skirt PCR plate with Corning / Axygen Cap PCR-2CP-RT-C)



Eight replicates from Human gDNA were analyzed by qPCR for 18S with 10 ng input gDNA input. The qPCR reaction was placed in its designated tube as illustrated in the illustration plot. The qPCR reactions were performed using the ABI 2x Taqman2 master mix and 1x primer/probe mix. Cycling conditions: 50°C 2 m > 95°C 10 m > (95°C 15 s > 60°C 1 m) 40 cycles.



0.2mL PCR tube, clear with attached cap



Polypropylene PCR strip tubes and caps