

# TreffLab PCR / qPCR Products



**TreffLab** <sup>+</sup>



TreffLab PCR/qPCR products have been specifically developed for PCR approach requirements such as highest heat transfer, to ensure accurate cycle profiles for best nucleic acid amplification rates, and to optimize fluorescence signal detection and measuring range.

## General Characteristics – PCR Tubes and Plates

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TreffLab PCR Microtubes and Plates, PP, have been specifically developed to deal with special PCR requirements such as low sample volume and low amount of target. Low binding DNA surface quality.

## General Characteristics – Real-Time PCR Tubes and Plates

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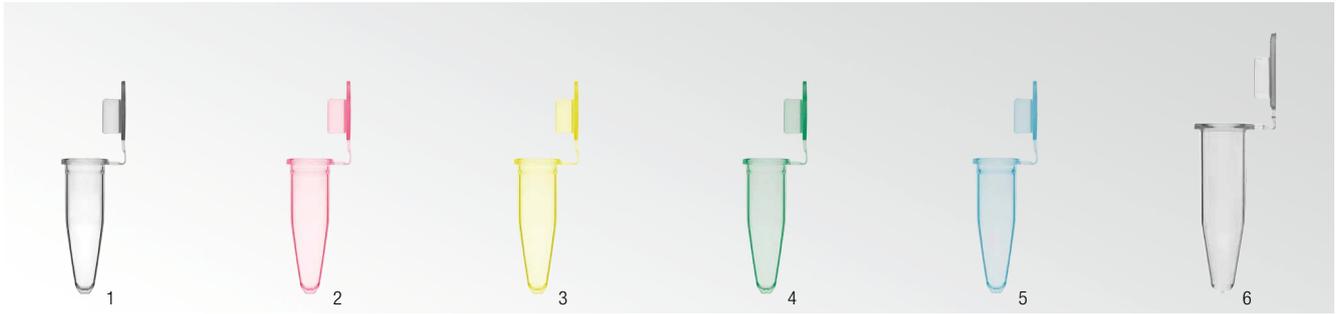
TreffLab qPCR Microtubes and Plates, PP, have been specifically developed to deal with special Real-Time PCR requirements such as optimized reflection of fluorescence signals for direct quantitative DNA measurement. They are 100% sensitivity safe and enable rare nucleic acid sequences to be detected and analyzed. Low binding DNA surface quality.

### **TreffLab PCR / qPCR products CleanRoom Pure® feature the following characteristics:**

- ◆ 100% virgin high-quality PP only, no additives, providing high chemical quality
- ◆ White color dye is masterbatch «medical grade»
- ◆ Microbiological controlled production in cleanrooms class 8, ISO 14644-1
- ◆ Free of RNase, DNase, human DNA, endotoxins, PCR inhibitors and ATP
- ◆ Withstand a temperature range from approx. -195°C (gas phase of liquid nitrogen) to 121°C autoclaving 20 minutes, 100% humidity) according to DIN EN 285
- ◆ Single Tubes withstand centrifugal g forces up to 30'000 RCF
- ◆ Ultrathin walls guarantee rapid heat transfer and short cycle times
- ◆ Plates with ANSI/SLAS 2004 standard for robotic handling
- ◆ Special surface quality minimizes binding of enzymes and nucleic acid to the wells
- ◆ Suitable for use in common thermal cyclers
- ◆ Ready to Use (CleanRoom Pure® /LoTrace® DNA)

**Available on request:** Compatibility matrix thermal cycler/  
TreffLab PCR/qPCR plates

## Single PCR Tubes



Product Description	Material	Color	Quantity	Order No.	Image No.
PCR Single Tube 0.2 ml	PP	clear	5'000 – 5 boxes of 1'000	96.09852.9.01	1
PCR Single Tube 0.2 ml	PP	rose	5'000 – 5 boxes of 1'000	96.09852.2.01	2
PCR Single Tube 0.2 ml	PP	yellow	5'000 – 5 boxes of 1'000	96.09852.4.01	3
PCR Single Tube 0.2 ml	PP	green	5'000 – 5 boxes of 1'000	96.09852.5.01	4
PCR Single Tube 0.2 ml	PP	blue	5'000 – 5 boxes of 1'000	96.09852.6.01	5
PCR Single Tube 0.5 ml	PP	clear	10'000 – 10 boxes of 1'000	96.10385.9.01	6



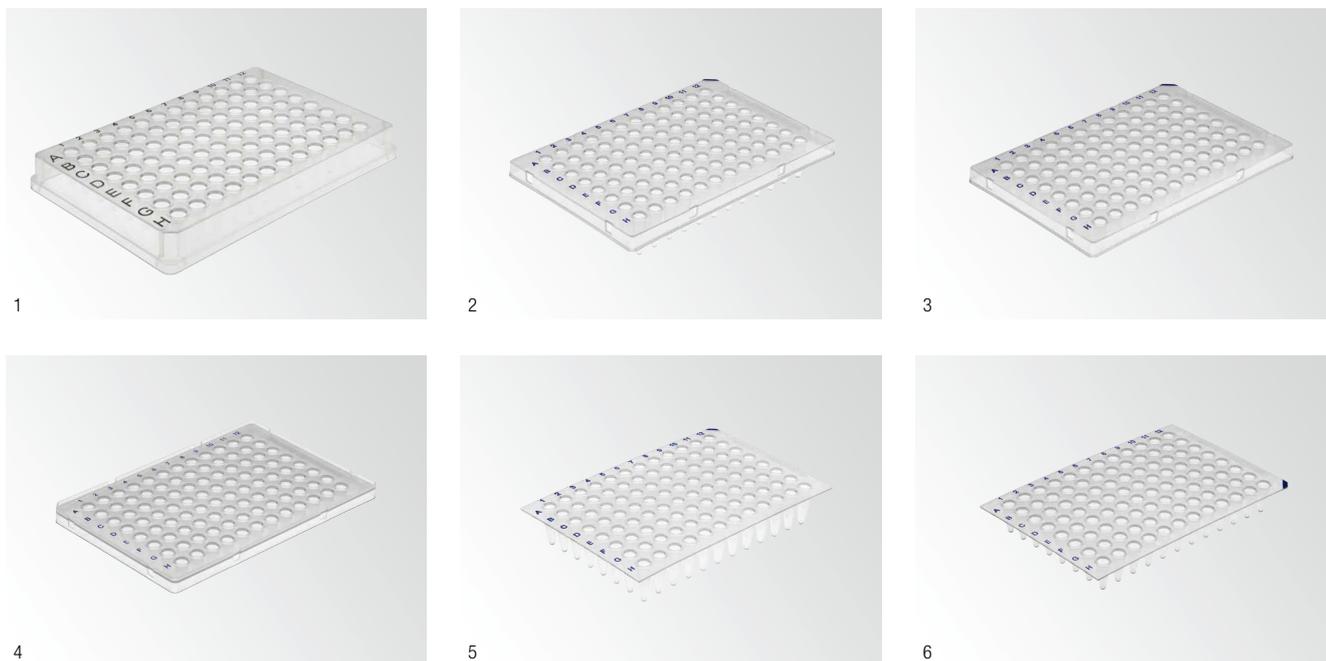
## Strip of 8 PCR Tubes 0.2 ml, with suitable PCR Cap Strip



Product Description	Material	Color	Quantity	Order No.	Image No.
<b>PCR Strip of 8 domed Caps</b>	PP	clear	<b>125</b>	96.10580.9.01	1
<b>PCR Strip of 8 domed Caps</b>	PP	rose	<b>125</b>	96.10580.2.01	2
<b>PCR Strip of 8 domed Caps</b>	PP	yellow	<b>125</b>	96.10580.4.01	3
<b>PCR Strip of 8 domed Caps</b>	PP	green	<b>125</b>	96.10580.5.01	4
<b>PCR Strip of 8 domed Caps</b>	PP	blue	<b>125</b>	96.10580.6.01	5
<b>PCR Strip of 8 flat Caps</b>	PP	clear	<b>125</b>	96.10570.9.01	6
<b>PCR Strip of 8 Tubes</b>	PP	clear	<b>125</b>	96.10560.9.01	7
<b>PCR Strip of 8 Tubes</b>	PP	rose	<b>125</b>	96.10560.2.01	8
<b>PCR Strip of 8 Tubes</b>	PP	yellow	<b>125</b>	96.10560.4.01	9
<b>PCR Strip of 8 Tubes</b>	PP	green	<b>125</b>	96.10560.5.01	10
<b>PCR Strip of 8 Tubes</b>	PP	blue	<b>125</b>	96.10560.6.01	11

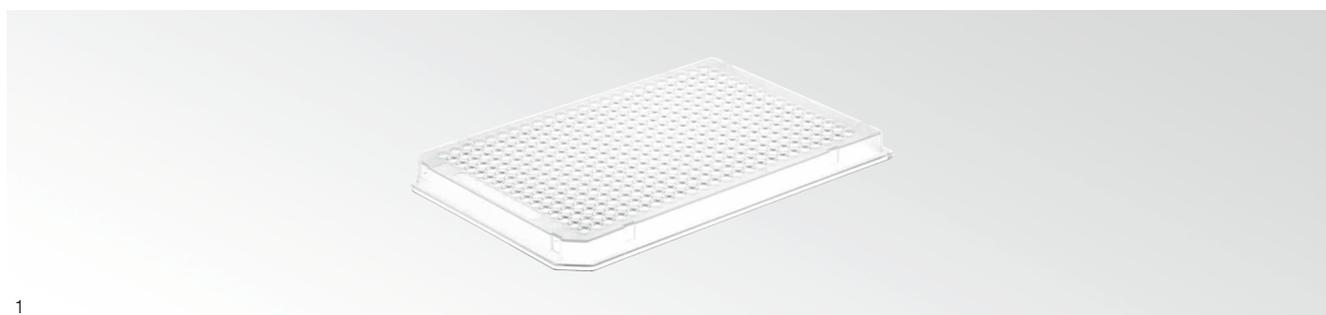


## 96-Well PCR Plate 0.15 ml/0.2 ml Well volume



Product Description	Material	Color	Quantity	Order No.	Image No.
<b>96-Well PCR Plate, low profile, full skirt</b> 0.15 ml	PP	clear	<b>50</b> – 5 bags of 10	96.11203.9.01	1
<b>96-Well PCR Plate, standard profile, half skirt</b> 0.2 ml	PP	clear	<b>50</b> – 10 bags of 5	96.11204.9.01	2
<b>96-Well PCR Plate, low profile, half skirt</b> 0.15 ml	PP	clear	<b>50</b> – 10 bags of 5	96.11205.9.01	3
<b>96-Well PCR Plate, low profile, half skirt, elevated rim</b> 0.15 ml	PP	clear	<b>50</b> – 10 bags of 5	96.11206.9.01	4
<b>96-Well PCR Plate, standard profile, no skirt</b> 0.2 ml	PP	clear	<b>50</b> – 10 bags of 5	96.11207.9.01	5
<b>96-Well PCR Plate, low profile, no skirt</b> 0.15 ml	PP	clear	<b>50</b> – 10 bags of 5	96.11208.9.01	6

## 384-Well PCR Plate 40 µl Well volume/25 µl sample volume



Product Description	Material	Color	Quantity	Order No.	Image No.
<b>384-Well PCR Plate, full skirt</b>	PP	clear	<b>50</b> – 5 bags of 10	96.09974.9.01	1

## qPCR Tubes (white) *low binding DNA surface*

### Strip of 8 qPCR Tubes 0.2 ml, with suitable PCR Cap Strip



Product Description	Material	Color	Quantity	Order No.	Image No.
PCR Strip of 8 flat Caps	PP	clear	125	96.10570.9.01	1
qPCR Strip of 8 Tubes	PP	white	125	96.10820.9.01	2

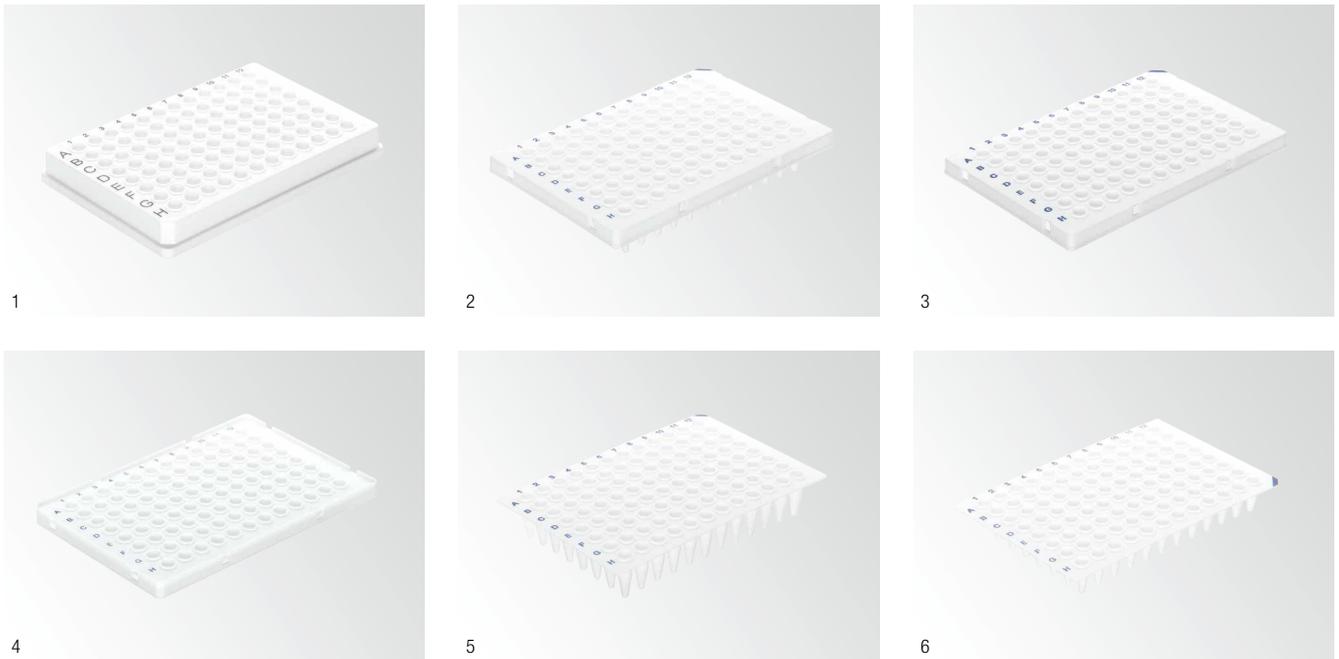
## qPCR Plates (white) *low binding DNA surface*

### 384-Well qPCR Plate 40 µl Well volume/25 µl sample volume, suitable for Roche® LightCycler® 480



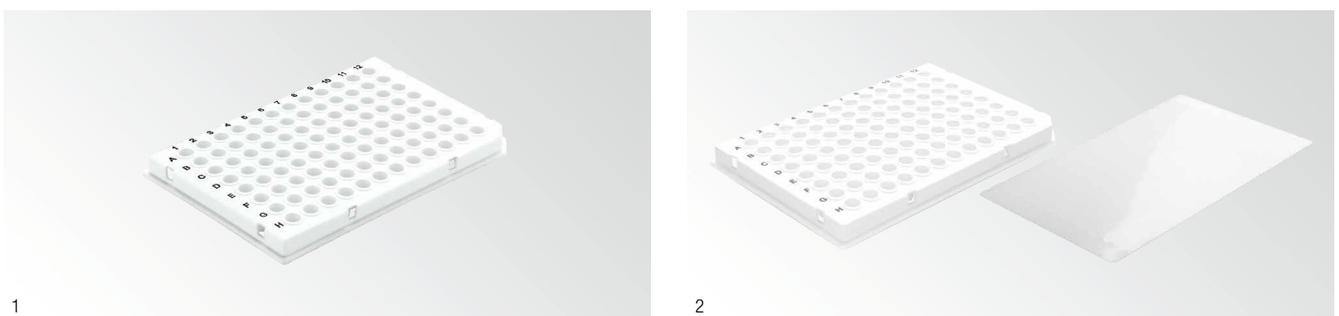
Product Description	Material	Color	Quantity	Order No.	Image No.
384-Well qPCR Plate, full skirt	PP	white	50 – 5 bags of 10	96.10180.9.01	1

## 96-Well qPCR Plate (white) 0.15/0.2 ml Well volume



Product Description	Material	Color	Quantity	Order No.	Image No.
<b>96-Well qPCR Plate, low profile, full skirt</b> 0.15 ml	PP	white	<b>50</b> – 5 bags of 10	96.11197.9.01	1
<b>96-Well qPCR Plate, standard profile, half skirt</b> 0.2 ml	PP	white	<b>50</b> – 10 bags of 5	96.11198.9.01	2
<b>96-Well qPCR Plate, low profile, half skirt</b> 0.15 ml	PP	white	<b>50</b> – 10 bags of 5	96.11199.9.01	3
<b>96-Well qPCR Plate, low profile, half skirt, elevated rim</b> 0.15 ml	PP	white	<b>50</b> – 10 bags of 5	96.11200.9.01	4
<b>96-Well qPCR Plate, standard profile, no skirt</b> 0.2 ml	PP	white	<b>50</b> – 10 bags of 5	96.11201.9.01	5
<b>96-Well qPCR Plate, low profile, no skirt</b> 0.15 ml	PP	white	<b>50</b> – 10 bags of 5	96.11202.9.01	6

## 96-Well qPCR Plate 0.15 ml Well volume, suitable for Roche® LightCycler® 480



Product Description	Material	Color	Quantity	Order No.	Image No.
<b>96-Well qPCR Plate, low profile, half skirt</b>	PP	white	<b>50</b> – 5 bags of 10	96.10867.9.01	1
<b>96-Well qPCR Plate, low profile, half skirt, with compatible self-adhesive sealing foil</b>	PP	white	<b>50</b> – 5 bags of 10	96.10868.9.01	2

## Sealing Foil for all PCR & qPCR Plates *self-adhesive*

- ▶ Protects samples against contamination during assay and storage
- ▶ Pressure activated micro-encapsulated adhesive prevents sample contact
- ▶ Optically optimized for real-time PCR measurements



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Product Description	Material	Application	Quantity	Order No.	Image No.
<b>Single Foil high transparent</b>	PET	<b>For all plates</b> Temperature range -40°C to +120°C ideal for use in thermal cyclers with heated lids	<b>100</b>	96.09597.9.01	1



CleanRoom Pure<sup>®</sup>  
No Additives



Beads / Chem





## **Nolato Treff AG**

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