

Microtubes





General Characteristics

TreffLab offers a huge variety of CleanRoom Pure® microtubes for all kinds of applications such as general laboratory purposes, heat incubation, rare analytes and light sensitive probes.



TreffLab CapLock, *CleanRoom Pure*®

Microtubes featuring the unique Treff Double-Lock™ cap closing system to safely prevent unintentional opening of lid during incubation or storage when working with valuable or «critical» probes.



TreffLab ClickFit, *CleanRoom Pure*®

Microtubes for general and special purpose with increased cap opening forces for procedures including higher vapor pressure. Suited for denaturation protocols near boiling point of H₂O.



TreffLab EasyFit, *CleanRoom Pure*®

Microtubes with easy cap opening forces for general purpose to serve as sample preparation, centrifuge, assay and storage vessel.

All TreffLab Microtubes CleanRoom Pure® feature the following characteristics:

- ▶ 100% virgin polymer only, providing high chemical quality, no additives
- ▶ All color dyes are 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
- ▶ Withstand centrifugal g forces up to 30'000 RCF (0.2 ml, 0.5 ml, 1.5 ml) and up to 20'000 RCF (2.0 ml)
- ▶ Ready to Use (CleanRoom Pure®)

Additional new qualities

LoTrace® DNA quality features the following additional characteristics:

- ▶ Low binding DNA surface
- ▶ Analyses of surface quality for each production lot
- ▶ Analysis carried out by independent Swiss laboratory accredited ISO/IEE17025 for real-time PCR
- ▶ CleanRoom Pure® production conditions
- ▶ Ready for low content DNA sample preparation/ assay

CapLock Microtubes *CleanRoom Pure*[®]

Field of application: The **Treff Double-Lock™** cap closing system safely prevents unintentional opening of the lid during incubation or storage.



Product Description	Material	Colour	Quantity	Order No.	Image No.
CapLock 0.5 ml	PP	clear	20'000 – 40 bags of 500	96.10833.9.01	1
CapLock 1.5 ml	PP	clear	10'000 – 10 bags of 1'000	96.08668.9.01	2
CapLock 2.0 ml	PP	clear	8'000 – 16 bags of 500	96.10834.9.01	3

ClickFit Microtubes *CleanRoom Pure*[®]

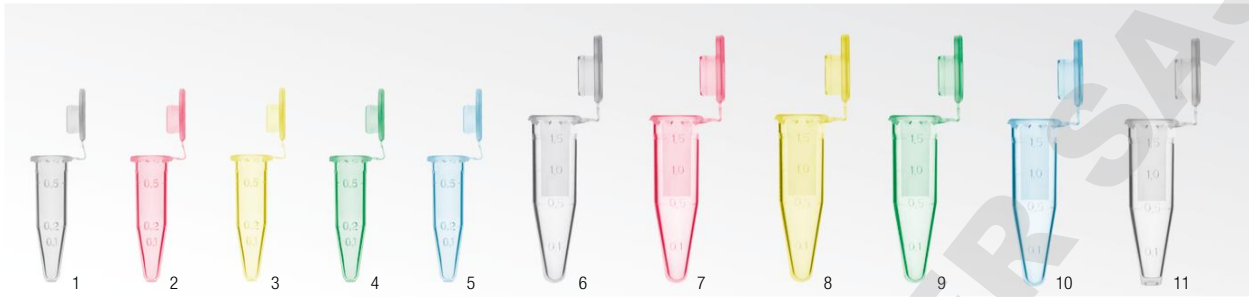
Field of application: Increased cap opening force for heating applications.



Product Description	Material	Colour	Quantity	Order No.	Image No.
ClickFit 0.5 ml	PP	high transparent, clear	20'000 – 40 bags of 500	96.08185.9.03	1
ClickFit 1.5 ml	PP	clear	10'000 – 10 bags of 1'000	96.07514.9.01	2
ClickFit 1.5 ml	PP	rose	10'000 – 10 bags of 1'000	96.07514.2.01	3
ClickFit 1.5 ml	PP	yellow	10'000 – 10 bags of 1'000	96.07514.4.01	4
ClickFit 1.5 ml	PP	green	10'000 – 10 bags of 1'000	96.07514.5.01	5
ClickFit 1.5 ml	PP	blue	10'000 – 10 bags of 1'000	96.07514.6.01	6
ClickFit 1.5 ml	PP	high transparent, clear	10'000 – 10 bags of 1'000	96.07811.9.03	7
ClickFit 2.0 ml	PP	clear	8'000 – 16 bags of 500	96.09329.9.01	8
ClickFit 2.0 ml	PP	rose	8'000 – 16 bags of 500	96.09329.2.01	9
ClickFit 2.0 ml	PP	yellow	8'000 – 16 bags of 500	96.09329.4.01	10
ClickFit 2.0 ml	PP	green	8'000 – 16 bags of 500	96.09329.5.01	11
ClickFit 2.0 ml	PP	blue	8'000 – 16 bags of 500	96.09329.6.01	12

EasyFit Microtubes *CleanRoom Pure*[®]

Field of application: Gentle cap opening force for general purpose usage and storage.
However, for heat incubations we recommend the use of ClickFit Microtubes CleanRoom Pure[®].



Product Description	Material	Colour	Description	Quantity	Order No.	Image No.
EasyFit 0.5 ml	PP	clear	round bottom	20'000 – 40 bags of 500	96.04625.9.01	1
EasyFit 0.5 ml	PP	rose	round bottom	20'000 – 40 bags of 500	96.04625.2.01	2
EasyFit 0.5 ml	PP	yellow	round bottom	20'000 – 40 bags of 500	96.04625.4.01	3
EasyFit 0.5 ml	PP	green	round bottom	20'000 – 40 bags of 500	96.04625.5.01	4
EasyFit 0.5 ml	PP	blue	round bottom	20'000 – 40 bags of 500	96.04625.6.01	5
EasyFit 1.5 ml	PP	clear	round bottom	10'000 – 10 bags of 1'000	96.07246.9.01	6
EasyFit 1.5 ml	PP	rose	round bottom	10'000 – 10 bags of 1'000	96.07246.2.01	7
EasyFit 1.5 ml	PP	yellow	round bottom	10'000 – 10 bags of 1'000	96.07246.4.01	8
EasyFit 1.5 ml	PP	green	round bottom	10'000 – 10 bags of 1'000	96.07246.5.01	9
EasyFit 1.5 ml	PP	blue	round bottom	10'000 – 10 bags of 1'000	96.07246.6.01	10
EasyFit 1.5 ml	PP	clear	flat bottom	10'000 – 10 bags of 1'000	96.10234.9.01	11

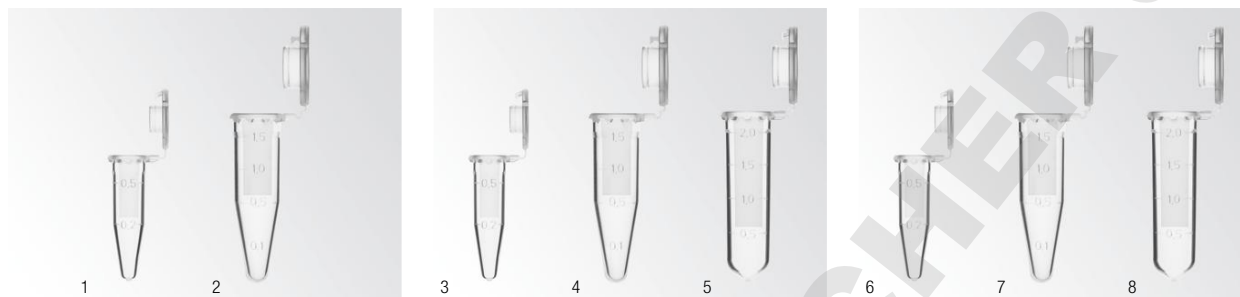


LoTrace® DNA Microtubes *low binding DNA surface*

- ▶ Low binding DNA surface
- ▶ Analyses of surface quality for each production lot
- ▶ Analysis by independent Swiss laboratory accredited ISO/IEE17025 for real-time PCR
- ▶ Ready for low content DNA sample preparation/assay
- ▶ CleanRoom Pure® production conditions



Never Lose Your Valuable DNA Trace Sample during Sample Preparation



Product Description	Material	Colour	Description	Quantity	Order No.	Image No.
EasyFit LoTrace® DNA 0.5 ml	PP	clear	round bottom	20 bags of 100	96.04625.9.04	1
EasyFit LoTrace® DNA 1.5 ml	PP	clear	round bottom	10 bags of 100	96.07246.9.04	2
ClickFit LoTrace® DNA 0.5 ml	PP	clear	round bottom	20 bags of 100	96.08185.9.04	3
ClickFit LoTrace® DNA 1.5 ml	PP	clear	round bottom	10 bags of 100	96.07811.9.04	4
ClickFit LoTrace® DNA 2.0 ml	PP	clear	round bottom	10 bags of 100	96.09329.9.04	5
CapLock LoTrace® DNA 0.5 ml	PP	clear	round bottom	20 bags of 100	96.10833.9.04	6
CapLock LoTrace® DNA 1.5 ml	PP	clear	round bottom	10 bags of 100	96.08668.9.04	7
CapLock LoTrace® DNA 2.0ml	PP	clear	round bottom	10 bags of 100	96.10834.9.04	8

LoTrace® DNA LightBlock™ Microtubes *low binding DNA surface*

Field of application: Sample preparation and storage of light sensitive samples, black/increased opening force



Product Description	Material	Colour	Description	Quantity	Order No.	Image No.
LightBlock™ LoTrace® DNA 0.5 ml	PP	black	round bottom	20 bags of 100	96.07456.0.04	1
LightBlock™ LoTrace® DNA 1.5 ml	PP	black	round bottom	10 bags of 100	96.07514.0.04	2
LightBlock™ LoTrace® DNA 2.0 ml	PP	black	round bottom	10 bags of 100	96.09329.0.04	3

Pellet Mixer for TreffLab Microtubes

Quality characteristics: Grooved grip for easy turning/ autoclavable (121°C/20 min).

Field of application: To resuspend probe.



Product Description	Material	Application	Quantity	Order No.	Image No.
Pellet Mixer	PBTP	for Microtubes 0.5 ml	50	96.07338.9.03	1
Pellet Mixer	PBTP	for Microtubes 1.5 ml	50	96.07339.9.03	2

TreffLab Microtube Opener

Field of application: Easy opening of Microtubes with gloves.



Product Description	Material	Application	Color	Quantity	Order No.	Image No.
Opener	PP	for Microtubes 0.2- 5.0 ml	red	500 – 50 bags of 10	96.11453.2.01	1
Opener	PP	for Microtubes 0.2- 5.0 ml	orange	500 – 50 bags of 10	96.11453.3.01	2
Opener	PP	for Microtubes 0.2- 5.0 ml	yellow	500 – 50 bags of 10	96.11453.4.01	3
Opener	PP	for Microtubes 0.2- 5.0 ml	green	500 – 50 bags of 10	96.11453.5.01	4
Opener	PP	for Microtubes 0.2- 5.0 ml	blue	500 – 50 bags of 10	96.11453.6.01	5
Opener	PP	for Microtubes 0.2- 5.0 ml	Color Mix 10	500 – 50 bags of 10 of each color	96.11453.10.01	1-5

TreffLab Storage Box

Field of application: Autoclavable laboratory storage box for microtubes, vials other small laboratory items.



Product Description	Material	Application	Color	Quantity	Order No.	Image No.
Storage Box	PC	for general storage purpose	clear	12 pcs	96.11564.9.01	1

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