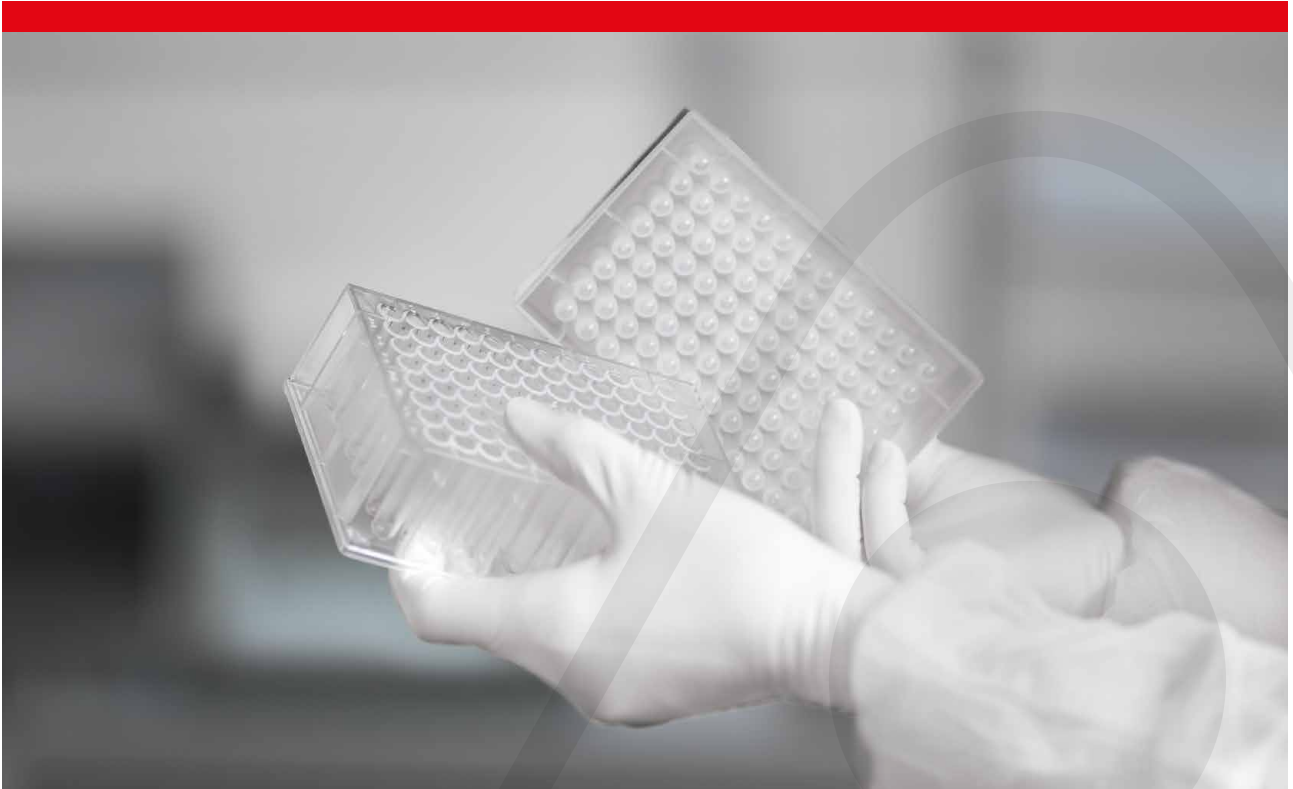


Deep Well Plates



CleanRoom Pure®
No Additives



Beads / Che





CleanRoom®
PURE



LoTrace®
DNA

General Characteristics

TreffLab offers top quality Swiss made Deep Well Plates for general sample preparation and storage applications. Excellent physical and microbiological properties provide superb application results.

All TreffLab Deep Well Plates CleanRoom Pure® feature the following characteristics:

- ▶ 100% virgin polymer only, providing high chemical quality, no additives
- ▶ Microbiologically controlled production in cleanrooms class 8, ISO 14644-1
- ▶ Free of RNase, DNase, human DNA, endotoxins, PCR inhibitors and ATP
- ▶ 100% fully automated leak-tightness tested
- ▶ Permanent flatness and wall thickness tested
- ▶ Round bottom wells (U)
- ▶ ANSI/SLAS 2004 standard for robotic handling
- ▶ Fits magnetic separation devices
- ▶ Alphanumerical grid
- ▶ Ready to Use (CleanRoom Pure®)
- ▶ Withstand a temperature range from approx.
PP: -80°C to 121°C (autoclaving 20 minutes, 100% humidity)
according to DIN EN 285
PS: -20°C to 60°C
- ▶ Withstand centrifugal g forces up to 6'000 RCF when used together with TreffLab Centrifuge Mats

All analyses have been carried out by an independent Swiss laboratory, accredited according to ISO/IEC 17025, or by the quality department at Nolato Treff AG. Corresponding data sheets are available on request.

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

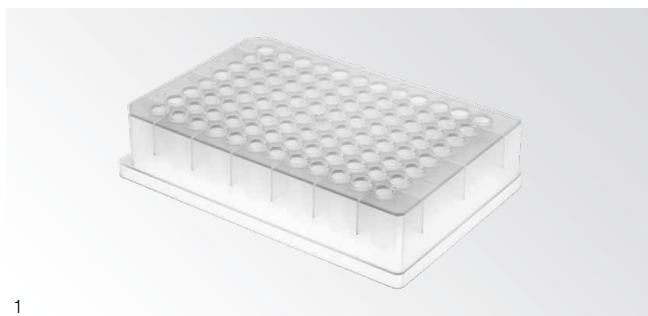
* Centrifugal Forces

TreffLab 0.5 ml, 1.2 ml and 2.2 ml Deep Well Plates, PP or PS, have been developed to serve as «Sample preparation, assay and storage vessel» primarily. All Nolato Treff DWP are suitable for centrifugal applications with the following limits:

- A) Using TreffLab Centrifugal Mat TreffLab Deep Well Plates withstand centrifugal g forces up to 6'000 RCF.
- B) When no TreffLab® Centrifugal Mat is used, Nolato Treff AG recommends that a centrifugal g force > 2000 RCF not be surpassed.

However, Nolato Treff will not guarantee any centrifugal stability as since compliance with critical physical parameters are mandatory. In order to achieve such stability, i.e. proper counterbalance (> 0.1 gram), appropriate centrifugal swing plates, proper DWP positioning at swing plate, stress reduction of plate bottom by use of flexible support mat between DWP and swing plate is required. The homogeneity of DWP vial filling (ml) and the total sample weight per vial (g) within the 96 plate is also important, as well as a correct centrifugal operation.

Deep Well Plate 0.5 ml *CleanRoom Pure*[®]



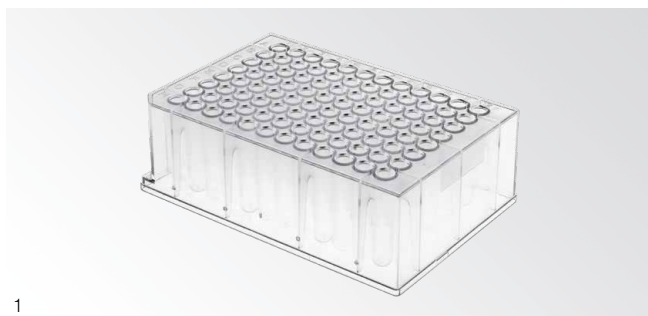
1



Detail raised rim

Product Description	Material	Type	Quantity	Order No.	Image No.
Deep Well Plate 0.5 ml	PP	raised rim, non sterile	56 – 8 packs of 7	96.09851.9.01	1
Deep Well Plate 0.5 ml	PP	raised rim, sterile	56 – 8 packs of 7	96.09965.9.01	1

Deep Well Plate 1.2 ml *CleanRoom Pure*[®]



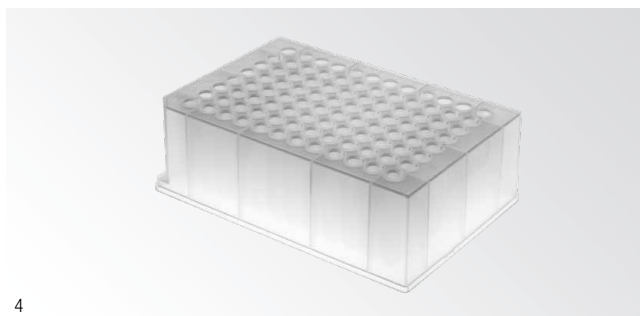
1



2



3



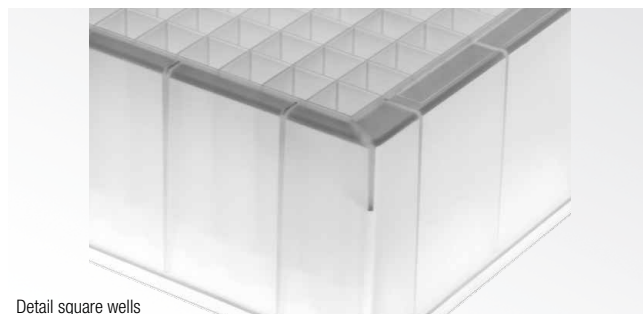
4

Product Description	Material	Type	Quantity	Order No.	Image No.
Deep Well Plate 1.2 ml	PS	non sterile	32 – 8 packs of 4	96.08564.9.01	1
Deep Well Plate 1.2 ml	PS	sterile	32 – 8 packs of 4	96.08882.9.01	1
Deep Well Plate 1.2 ml	PP	non sterile	32 – 8 packs of 4	96.08996.9.01	2
Deep Well Plate 1.2 ml	PP	sterile	32 – 8 packs of 4	96.09118.9.01	2
Deep Well Plate 1.2 ml	PS	non sterile, raised rim	32 – 8 packs of 4	96.10841.9.01	3
Deep Well Plate 1.2 ml	PS	sterile, raised rim	32 – 8 packs of 4	96.10851.9.01	3
Deep Well Plate 1.2 ml	PP	non sterile, raised rim	32 – 8 packs of 4	96.10842.9.01	4
Deep Well Plate 1.2 ml	PP	sterile, raised rim	32 – 8 packs of 4	96.10852.9.01	4

Deep Well Plate 2.2 ml *CleanRoom Pure*[®]



1

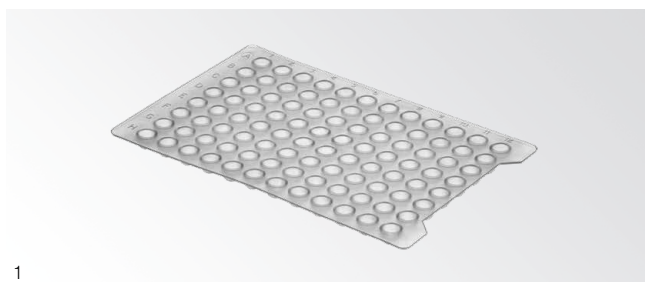


Detail square wells

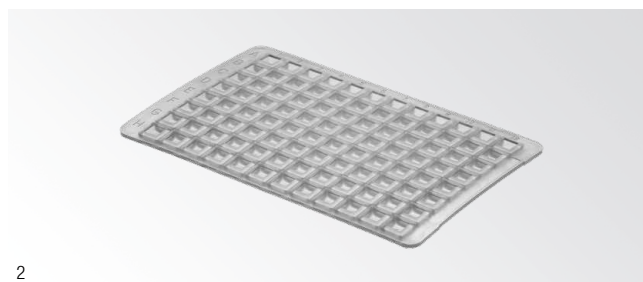
Product Description	Material	Type	Quantity	Order No.	Image No.
Deep Well Plate 2.2 ml	PP	non sterile	32 – 8 packs of 4	96.09799.9.01	1
Deep Well Plate 2.2 ml	PP	sterile	32 – 8 packs of 4	96.09971.9.01	1

Mats for Deep Well Plates

- › Prevents the evaporation of water and solvents from samples
- › Protects samples against contamination
- › Temperature range -20°C to +55°C



1



2

Product Description	Material	Fits Deep Well Plates	Quantity	Order No.	Image No.
Mat for 96-Well Plates	TPE	0.5 ml and 1.2 ml	50 – 5 bags of 10	96.09711.9.01	1
Mat for 96-Well Plates	EVA	2.2 ml	50 – 5 bags of 10	96.09537.9.01	2

Sealing Foil for Deep Well Plates *self-adhesive*

- › Protects samples against contamination during assay and storage
- › Pressure activated micro-encapsulated adhesive prevents sample contact



1

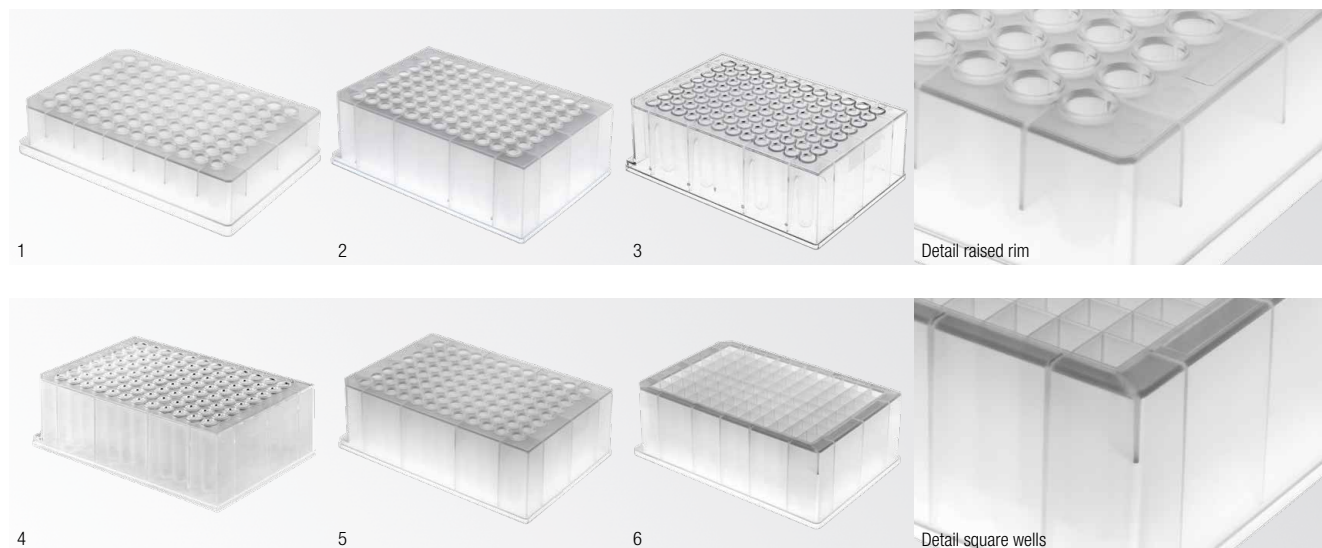
Product Description	Material	Application	Quantity	Order No.	Image No.
Single Foil high transparent	PET	For all plates Temperature range -40°C to +120°C	100	96.09597.9.01	1

LoTrace® DNA Deep Well Plates *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	Description	Quantity	Order No.	Image No.
Deep Well Plate LoTrace® DNA 0.5 ml	PP	raised rim	56 – 8 packs of 4	96.09851.9.04	1
Deep Well Plate LoTrace® DNA 1.2 ml	PP	standard	32 – 8 packs of 4	96.08996.9.04	2
Deep Well Plate LoTrace® DNA 1.2 ml	PP	raised rim	32 – 8 packs of 4	96.10842.9.04	3
Deep Well Plate LoTrace® DNA 1.2 ml	PS	standard	56 – 8 packs of 4	96.08564.9.04	4
Deep Well Plate LoTrace® DNA 1.2 ml	PS	raised rim	32 – 8 packs of 4	96.10841.9.04	5
Deep Well Plate LoTrace® DNA 2.0 ml	PP	standard	32 – 8 packs of 4	96.09799.9.04	6

Centrifugal Mats for Deep Well Plates

Field of application: TreffLab Mat mandatory for Deep Well Plate forces > 2'000 g* (*please see page 13)



Product Description	Material	Application	Quantity	Order No.	Image No.
Centrifugal Mat 8 mm	Rubber	for 0.5 ml DWP	10	96.11680.9.01	1
Centrifugal Mat 4 mm	Rubber	for 1.2 & 2.2 ml DWP	10	96.11680.9.02	2

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