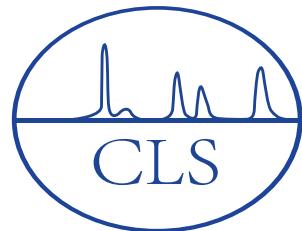


# LAB TECHNOLOGY

Part of China Lab



## Lab Consumable



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## A. Company Profile

Quzhou Lab Technology Co.,Ltd (CLS) offer a complete range of consumables for GC, HPLC and Headspace analysis. This comprises vials, septa, seals, filters, crimpers, and other accessories. Besides all standard items for almost all common instruments in the chromatography market, CLS also carry out special production runs of vials, septa and combination seals according to customer's specifications. The products are sold worldwide through a network of distributors. The products are of high quality and have been thoroughly tested before their launch.



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B. HPLC&GC Consumables

High Recovery Vials



BONDED CAPS



PP2A



Total Recovery Vials



Micro Vials



PP2L



PP Vials



Crimper/Decrimper



PP40L



EPA Vials



Shell Vials



PP4L



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2.1 Screw Neck ND8

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The vials are preferentially used on instruments of the following manufacturers: Beckman, CTC, Gilson, Knauer, Shimadzu, Spark, Varian, VWR (Merck®)/Hitachi, etc. (Please have a look at the autosampler compatibility chart to confirm the models.)

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2.1.1 Screw Neck Vials ND8, small opening, 8-425 thread and Micro-Vials ND8

---



V817  
1.5ml small opening screw vial, clear  
11.6\*32mm USP 1



V827  
1.5ml small opening screw vial with write on patch, clear  
11.6\*32mm USP 1



V835  
1.5ml small opening screw vial, amber  
11.6\*32mm USP 1  
expansion 51



V845  
1.5ml small opening screw vial with write on patch, amber  
11.6\*32mm USP 1  
expansion 51



V813  
1.5ml small opening screw vial, clear  
11.6\*32mm USP 1  
expansion 33



V823  
1.5ml small opening screw vial with write-on spot, clear  
11.6\*32mm USP 1  
expansion 33



V837  
1.5ml small opening screw vial, amber  
11.6\*32mm USP 1



V847  
1.5ml small opening screw vial with write-on spot, amber  
11.6\*32mm USP 1



**IP150**

150ul Insert with mandrel interior and polymer feet, 29\*5mm; suits for ND8 Vials



**I200**

200ul Micro Insert, 31\*5mm, clear glass, flat bottom; suits for ND8 Vials



**IC200**

200ul Micro Insert, 31\*5mm, clear glass, Conic bottom; suits for ND8 Vials

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#### 2.1.2 PP Screw Seals ND8

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**C81**

8mm black screw polypropylene cap, 5.5mm centre hole

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#### 2.1.3 Natural Rubber/TEF, Red Rubber/PTFE, Silicone/PTFE Seals and Butyl/PTFE Seals

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**S81**

White PTFE/red Silicone septa 8\*1.5mm temperature resistance -60°C-200°C



**S82**

Red PTFE/white Silicone septa 8\*1.5mm temperature resistance -60°C-200°C



**S83**

Red PTFE/white Silicone /red PTFE septa 8\*1.5mm temperature resistance -60°C-200°C



**S84**

Blue PTFE/white Silicone septa 8\*1.5mm temperature resistance -60°C-200°C



**S85**

Clear FEP/red Rubber septa 8\*1.5mm temperature resistance -60°C-200°C



**S811**

Pre-slit white PTFE/red Silicone septa 8\*1.5mm temperature resistance -60°C-200°C



**S822**

Pre-slit red PTFE/white Silicone septa 8\*1.5mm temperature resistance -60°C-200°C



**S844**

Pre-slit blue PTFE/white Silicone septa 8\*1.5mm temperature resistance -60°C-200°C



#### 2.1.4 Assembly Caps with Septa



P/N	Description	Package
<b>SC8181</b>	White PTFE/red Silicone septa, black screw polypropylene cap, 5.5mm centre hole	100Nos
<b>SC8281</b>	Red PTFE/white Silicone septa, 8mm black screw polypropylene cap, 5.5mm centre hole	
<b>SC8381</b>	Red PTFE/white Silicone/red PTFE septa, 8mm black screw polypropylene cap, 5.5mm centre hole	
<b>SC8481</b>	Blue PTFE/white Silicone septa, 8mm black screw polypropylene cap, 5.5mm centre hole	
<b>SC8581</b>	Clear FEP/Red Rubber septa, 8mm black screw polypropylene cap, 5.5mm centre hole	
<b>SC81181</b>	Pre-slit white PTFE/red Silicone septa, 8mm black screw polypropylene cap, 5.5mm centre hole	
<b>SC82281</b>	Pre-slit red PTFE/white Silicone septa, 8mm black screw polypropylene cap, 5.5mm centre hole	
<b>SC84481</b>	Pre-slit blue PTFE/white Silicone septa, 8mm black screw polypropylene cap, 5.5mm centre hole	

#### 2.2 Short Thread ND9



The vials are preferentially used on instruments of the following manufacturers: Beckman, CTC, Gilson, Knauer, Shimadzu, Spark, Varian, VWR (Merck®)/Hitachi, etc. (Please have a look at the autosampler compatibility chart to confirm the models.)

#### 2.2.1 Short Thread Vials ND9, wide opening and Micro-Vials with Short Thread ND9



**V917**

1.5ml wide opening  
short screw vial, clear  
11.6\*32mm USP 1



**V927**

1.5ml wide opening  
short screw vial with  
write-on spot, clear  
11.6\*32mm USP 1



**V935**

1.5ml wide opening  
short screw vial, amber  
11.6\*32mm USP 1  
expansion 51



**V945**

1.5ml wide opening  
short screw vial with  
write-on spot, amber  
11.6\*32mm USP 1  
expansion 51



**V913**

1.5ml wide opening  
short screw vial, clear  
11.6\*32mm USP 1  
expansion 33



**V923**

1.5ml wide opening  
short screw vial with  
write-on spot, clear  
11.6\*32mm USP 1  
expansion 33



**V937**

1.5ml wide opening  
short screw vial,  
amber 11.6\*32mm  
USP 1



**V947**

1.5ml wide opening  
short screw vial with  
write-on spot, amber  
11.6\*32mm USP 1



**IC300**

300ul Micro-  
Insert, 31\*6mm, clear  
glass, conic bottom,  
suits for ND9 Vials



**IP250**

250ul Insert with  
mandrel interior and  
polymer feet,  
29\*5.7mm, suits for  
ND9 Vials



**I300**  
300ul Micro-Insert, 31\*6mm, clear glass, flat bottom, suits for ND9 Vials



**VI917**  
1.5ml wide opening short screw vial with integrated conical inserts, clear 11.6\*32mm USP 1



**VI927**  
1.5ml wide opening short screw vial with write-on spot with integrated conical inserts, clear 11.6\*32mm USP 1



**VI937**  
1.5ml wide opening short screw vial with integrated conical inserts, amber 11.6\*32mm USP 1



**VI947**  
1.5ml wide opening short screw vial with write-on spot with integrated conical inserts, amber 11.6\*32mm USP 1

## 2.2.2 PP Short Thread Seals ND9



**C91**  
9mm blue short screw-thread polypropylene cap, 6mm centre hole



**C92**  
9mm blue short screw-thread polypropylene cap, closed-top



**C93**  
9mm red short screw-thread polypropylene cap, 6mm centre hole



**C94**  
9mm green short screw-thread polypropylene cap, 6mm centre hole



**C95**  
9mm yellow short screw-thread polypropylene cap, 6mm centre hole



**C96**  
9mm black short screw-thread polypropylene cap, 6mm centre hole

## 2.2.3 Septa 9mm for Short Thread Caps



**S91**  
White PTFE/red Silicone septa 9\*1.0mm temperature resistance -60°C-200°C



**S92**  
Red PTFE/white Silicone septa 9\*1.0mm temperature resistance -60°C-200°C



**S93**  
Red PTFE/white Silicone/red PTFE septa 9\*1.0mm temperature resistance -60°C-200°C



**S94**  
Blue PTFE/white Silicone septa 9\*1.0mm temperature resistance -60°C-200°C



**S95**  
Clear FEP/red rubber septa 9\*1.0mm temperature resistance -60°C-200°C



**S911**  
Pre-slit white PTFE/red Silicone septa 9\*1.0mm temperature resistance -60°C-200°C



**S922**  
Pre-slit red PTFE/white Silicone septa 9\*1.0mm temperature resistance -60°C-200°C



**S922S**  
Cross pre-slit red PTFE/white Silicone septa 9\*1.0mm temperature resistant -60°C-200°C



**S944**  
Pre-slit blue PTFE/white Silicone septa 9\*1.0mm temperature resistance -60°C-200°C



#### 2.2.4 Assembly Caps with Septa



P/N	Description	Package
<b>SC9191</b>	White PTFE/red Silicone septa, 9mm blue short screw-thread polypropylene cap, 6mm centre hole	100Nos
<b>BNSC9191</b>	White PTFE/red Silicone septa, 9mm blue short screw-thread pp cap, 6mm centre hole BONDED	
<b>SC9291</b>	Red PTFE/white Silicone septa, 9mm blue short screw-thread polypropylene cap, 6mm centre hole	
<b>BNSC9291</b>	Red PTFE/white Silicone septa, 9mm blue short screw-thread pp cap, 6mm centre hole BONDED	
<b>SC9391</b>	Red PTFE/white Silicone/red PTFE septa, 9mm blue short screw-thread pp cap, 6mm centre hole	
<b>SC9491</b>	Blue PTFE/white Silicone septa, 9mm blue short screw-thread polypropylene cap, 6mm centre hole	
<b>SC9591</b>	Clear FEP/ red rubber septa, 9mm blue short screw-thread polypropylene cap, 6mm centre hole	
<b>SC91191</b>	Pre-slit white PTFE/red Silicone septa, 9mm blue short screw-thread polypropylene cap, 6mm centre hole	
<b>SC92291</b>	Pre-slit red PTFE/white Silicone septa, 9mm blue short screw-thread polypropylene cap, 6mm centre hole	
<b>SC92291S</b>	Cross pre-slit red PTFE/white Silicone septa, 9mm blue short screw-thread pp cap, 6mm centre hole	
<b>SC94491</b>	Pre-slit blue PTFE/white Silicone septa, 9mm blue short screw-thread polypropylene cap, 6mm centre hole	
<b>BNSC94491</b>	Pre-slit blue PTFE/white Silicone septa, 9mm blue short screw-thread pp cap, 6mm centre hole BONDED	
<b>SC9193</b>	White PTFE/red Silicone septa, 9mm red short screw-thread polypropylene cap, 6mm centre hole	
<b>SC9293</b>	Red PTFE/white Silicone septa, 9mm red short screw-thread polypropylene cap, 6mm centre hole	
<b>SC9393</b>	Red PTFE/white Silicone/red PTFE septa, 9mm red short screw-thread polypropylene cap, 6mm centre hole	
<b>SC9493</b>	Blue PTFE/white Silicone septa, 9mm red short screw-thread polypropylene cap, 6mm centre hole	
<b>SC9593</b>	Clear FEP/ red rubber septa, 9mm red short screw-thread polypropylene cap, 6mm centre hole	
<b>SC91193</b>	Pre-slit white PTFE/red Silicone septa, 9mm red short screw-thread polypropylene cap, 6mm centre hole	
<b>SC92293</b>	Pre-slit red PTFE/white Silicone septa, 9mm red short screw-thread polypropylene cap, 6mm centre hole	
<b>SC92293S</b>	Cross pre-slit red PTFE/white Silicone septa, 9mm red short screw-thread pp cap, 6mm centre hole	
<b>SC94493</b>	Pre-slit blue PTFE/white Silicone septa, 9mm red short screw-thread polypropylene cap, 6mm centre hole	
<b>SC9194</b>	White PTFE/red Silicone septa, 9mm green short screw-thread polypropylene cap, 6mm centre hole	
<b>SC9294</b>	Red PTFE/white Silicone septa, 9mm green short screw-thread polypropylene cap, 6mm centre hole	
<b>SC9394</b>	Red PTFE/white Silicone/red PTFE septa, 9mm green short screw-thread pp cap, 6mm centre hole	
<b>SC9494</b>	Blue PTFE/white Silicone septa, 9mm green short screw-thread polypropylene cap, 6mm centre hole	
<b>SC9594</b>	Clear FEP/ red rubber septa, 9mm green short screw-thread polypropylene cap, 6mm centre hole	
<b>SC91194</b>	Pre-slit white PTFE/red Silicone septa, 9mm green short screw-thread polypropylene cap, 6mm centre hole	
<b>SC92294</b>	Pre-slit red PTFE/white Silicone septa, 9mm green short screw-thread polypropylene cap, 6mm centre hole	
<b>SC92294S</b>	Cross pre-slit red PTFE/white Silicone septa, 9mm green short screw-thread pp cap, 6mm centre hole	
<b>SC94494</b>	Pre-slit blue PTFE/white Silicone septa, 9mm green short screw-thread polypropylene cap, 6mm centre hole	

#### 2.3 10-425 Screw Vials



10-425 Screw Thread Vials Compatible with: Autosamplers from: Waters, Agilent, Shimadzu, Varian, and Beckman

10-425 Screw Thread Vials Wide-opening vials provide an increased target area for easier sample preparation and to reduce the chance of bent or broken needles during sampling. Vials are manufactured of Clear, Type 1 Class A or Amber, Type 1 Class B borosilicate glass




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#### 2.3.1 Screw Neck Vials 10-425, wide opening

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**VN1017**

1.5ml wide opening  
screw vial, clear 10-425  
11.6\*32mm USP 1



**VN1027**

1.5ml wide opening  
screw vial with write-on  
spot, clear 10-425  
11.6\*32mm USP 1



**VN1035**

1.5ml wide opening  
screw vial, amber 10-  
425 11.6\*32mm USP 1



**VN1045**

1.5ml wide opening  
screw vial with write-on  
spot, amber 10-425  
11.6\*32mm USP 1

---

#### 2.3.2 10-425 Screw Seals

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**CN101**

10mm black screw-  
thread polypropylene  
cap, 6.5mm centre hole

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#### 2.3.3 Natural Rubber/TEF, Red Rubber/PTFE, Silicone/PTFE Seals and Butyl/PTFE Seals

---



**SN101**

White PTFE/red  
Silicone septa 10\*1mm  
temperature resistance  
-60°C-200°C

**SN102**

Red PTFE/white  
Silicone septa 10\*1mm  
temperature resistance  
-60°C-200°C

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#### 2.3.4 Assembly Caps with Septa

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P/N	Description	Packag
SNC101101	White PTFE/red Silicone septa, 10mm black screw-thread polypropylene cap, 6.5mm centre hole	100Nos
SNC102101	Red PTFE/white Silicone septa , 10mm black screw-thread polypropylene cap, 6.5mm centre hole	



#### 2.4 Crimp Neck ND11



The vials are preferentially used on instruments of the following manufacturers: Beckman, CTC, Gilson, Knauer, Shimadzu, Spark, Varian, VWR (Merck®)/Hitachi, etc. (Please have a look at the autosampler compatibility chart to confirm the models.)

##### 2.4.1 Crimp Neck Vials ND11, wide opening, and appropriate Micro-Inserts



**V1117**

1.5ml wide opening crimp-top vial, clear  
11.6\*32mm USP 1



**V1127**

1.5ml wide opening crimp-top vial with write-on spot, clear  
11.6\*32mm USP 1 expansion 51



**V1135**

1.5ml wide opening crimp-top vial, amber  
11.6\*32mm USP 1 expansion 51



**V1145**

1.5ml wide opening crimp-top vial with write-on spot, amber  
11.6\*32mm USP 1 expansion 51



**V1113**

1.5ml wide opening crimp-top vial, clear  
11.6\*32mm USP 1 expansion 33



**V1123**

1.5ml wide opening crimp vial with write-on spot, clear  
11.6\*32mm USP 1 expansion 33



**V1137**

1.5ml wide opening crimp vial, amber  
11.6\*32mm USP 1



**V1147**

1.5ml wide opening crimp vial with write-on spot, amber  
11.6\*32mm USP 1



**VI1117**

1.5ml wide opening crimp vial with integrated conical inserts, clear  
11.6\*32mm USP 1 expansion 33



**VI1127**

1.5ml wide opening crimp vial with write-on spot and integrated conical inserts, clear  
11.6\*32mm USP 1



**VI1137**

1.5ml wide opening crimp vial with integrated conical inserts, amber  
11.6\*32mm USP 1



**VI1147**

1.5ml wide opening crimp vial with write-on spot and integrated conical inserts, amber  
11.6\*32mm USP 1



**IC300**

300ul Micro-Insert, 31\*6mm, clear glass, Conic bottom, suits for ND11 Vials



**IP250**

250ul Insert with mandrel interior and polymer feet,  
29\*5.7mm, suits for ND11 Vials



**I300**

##### 2.4.2 Aluminium Crimp Seals ND11



**C111**

11mm crimp-top aluminum cap, silver color, 5.5mm centre hole



**C112**

11mm crimp-top aluminum cap with 3 dots, silver color, 5.5mm centre hole



**C113**

11mm crimp-top aluminum cap, golden color, 5.5mm centre hole



#### 2.4.3 Natural Rubber/TEF, Red Rubber/PTFE, Silicone/PTFE Seals and Butyl/PTFE Seals

<b>S111</b> White PTFE/red Silicone septa 11*1.0mm temperature resistance - 60°C-200°C	<b>S112</b> Red PTFE/white Silicone septa 11*1.0mm temperature resistance - 60°C-200°C	<b>S113</b> Red PTFE/white Silicone/red PTFE septa 11*1.0mm temperature resistance - -60°C-200°C	<b>S115</b> Clear TFE/red Rubber septa 11*1.0mm temperature resistance - 60°C-120°C	<b>S117</b> Nature PTFE /nature Silicone septa 11*1.0mm temperature resistance - 60°C-120°C	<b>S1111</b> Pre-Slit white PTFE/red Silicone septa 11*1.0mm temperature resistance - 60°C-200°C

#### 2.4.4 Assembly Caps with Septa



P/N	Description	Package
SC111111	White PTFE/red Silicone septa, 11mm crimp-top aluminum cap, 5.5mm centre hole	100Nos
SC112111	Red PTFE/white Silicone septa, 11mm crimp-top aluminum cap, 5.5mm centre hole	
SC113111	Red PTFE/white Silicone/red PTFE septa, 11mm crimp-top aluminum cap, 5.5mm centre hole	
SC115111	Clear FEP/red rubber septa, 11mm crimp-top aluminum cap, 5.5mm centre hole	
SC117111	Nature PTFE/Nature Silicone septa, 11mm crimp-top aluminum cap, 5.5mm centre hole	
SC111112	White PTFE/red Silicone septa, 11mm crimp-top aluminum cap with 3 dots, 5.5mm centre hole	
SC112112	Red PTFE/white Silicone septa, 11mm crimp-top aluminum cap with 3 dots, 5.5mm centre hole	
SC113112	Red PTFE/white Silicone/red PTFE septa, 11mm crimp-top aluminum cap with 3 dots, 5.5mm centre hole	
SC115112	Clear FEP/red rubber septa, 11mm crimp-top aluminum cap with 3 dots, 5.5mm centre hole	
SC117112	Nature PTFE/Nature Silicone septa, 11mm crimp-top aluminum cap with 3 dots, 5.5mm centre hole	
SC111113	White PTFE/red Silicone septa, 11mm crimp-top aluminum cap, golden color, 5.5mm centre hole	
SC112113	Red PTFE/white Silicone septa, 11mm crimp-top aluminum cap, golden color, 5.5mm centre hole	
SC113113	Red PTFE/white Silicone/red PTFE septa, 11mm crimp-top aluminum cap, golden color, 5.5mm centre hole	
SC115113	Clear FEP/red rubber septa, 11mm crimp-top aluminum cap, golden color, 5.5mm centre hole	
SC117113	Nature PTFE/Nature Silicone septa, 11mm crimp-top aluminum cap, golden color, 5.5mm centre hole	

#### 2.4.5 Crimper for 11mm crimp vials



**CRH11**  
11mm crimper for crimp vials, steel, black color



## 2.5 Snap Ring ND11



The vials are preferentially used on instruments of the following manufacturers: Beckman, CTC, Gilson, Knauer, Shimadzu, Spark, Varian, VWR (Merck®)/Hitachi, etc. (Please have a look at the autosampler compatibility chart to confirm the models.)

### 2.5.1 Snap Ring Vials ND11, wide opening, and appropriate Micro-Inserts



**V1017**

1.5ml wide opening snap-top vial, clear 11.6\*32mm USP 1



**V1027**

1.5ml wide opening snap-top vial with write-on spot, clear 11.6\*32mm USP 1



**V1035**

1.5ml wide opening snap-top vial, amber 11.6\*32mm USP 1 expansion 51



**V1045**

1.5ml wide opening snap-top vial with write-on spot, amber 11.6\*32mm USP 1 expansion 51



**V1013**

1.5ml wide opening snap-top vial, clear 11.6\*32mm USP 1 expansion 33



**V1023**

1.5ml wide opening snap-top vial with write-on spot, clear 11.6\*32mm USP 1 expansion 33



**V1037**

1.5ml wide opening snap-top vial, amber 11.6\*32mm USP 1



**V1047**

1.5ml wide opening snap-top vial with write-on spot, amber 11.6\*32mm USP 1



**VI1017**

1.5ml wide opening snap-top vial with integrated conical inserts, clear USP 1 11.6\*32mm



**VI1027**

1.5ml wide opening snap-top vial with write-on spot with integrated conical inserts, clear 11.6\*32mm USP 1



**VI1037**

1.5ml wide opening snap-top vial with integrated conical inserts, amber 11.6\*32mm USP 1



**IC300**

300ul Micro-Insert, 31\*6mm, clear glass, Conic bottom, suits for ND11 Vials



**IP250**

250ul Insert with mandrel interior and polymer feet, 29\*5.7mm, suits for ND11 Vials



**I300**

300ul Micro-Insert, 31\*6mm, clear glass, flat bottom, suits for ND11 Vials

### 2.5.2 PE Snap Ring Seals ND11



**C101**

11mm natural snap-top polypropylene cap, 6mm centre hole



**C102**

11mm blue snap-top polypropylene cap, 6mm centre hole



**C103**

11mm red snap-top polypropylene cap, 6mm centre hole



### 2.5.3 Natural Rubber/TEF, Red Rubber/PTFE, Silicone/PTFE Seals and Butyl/PTFE Seals



**S101**

White PTFE/red  
Silicone septa  
11\*1.0mm temperature  
resistance -60°C-200°C



**S102**

Red PTFE/white  
Silicone septa  
11\*1.0mm temperature  
resistance -60°C-200°C



**S1011**

Pre-slit white PTFE/red  
Silicone septa  
11\*1.0mm temperature  
resistance -60°C-200°C



**S1022**

Pre-slit red PTFE/white  
Silicone septa  
11\*1.0mm temperature  
resistance -60°C-200°C



**S1022S**

Cross pre-slit red  
PTFE/white Silicone septa  
11\*1.0mm temperature  
resistance -60°C-200°C



**S1044**

Pre-slit blue PTFE/white  
Silicone septa  
11\*1.0mm temperature  
resistance -60°C-200°C



**S1044S**

Cross pre-slit blue  
PTFE/white Silicone septa  
11\*1.0mm temperature  
resistance -60°C-200°C

### 2.5.4 Assembly Caps with Septa



P/N	Description	Package
<b>SC101101</b>	white PTFE/red Silicone septa, 11mm natural snap-top polypropylene cap, 6mm centre hole	100Nos
<b>SC102101</b>	red PTFE/white Silicone septa, 11mm natural snap-top polypropylene cap, 6mm centre hole	
<b>SC1011101</b>	pre-slit white PTFE/red Silicone septa, 11mm natural snap-top polypropylene cap, 6mm centre hole	
<b>SC1022101</b>	pre-slit red PTFE/white Silicone septa, 11mm natural snap-top polypropylene cap, 6mm centre hole	
<b>SC1044101</b>	pre-slit blue PTFE/white Silicone septa, 11mm natural snap-top polypropylene cap, 6mm centre hole	
<b>SC101102</b>	white PTFE/red Silicone septa, 11mm blue snap-top polypropylene cap, 6mm centre hole	
<b>SC102102</b>	red PTFE/white Silicone septa, 11mm blue snap-top polypropylene cap, 6mm centre hole	
<b>SC1011102</b>	pre-slit white PTFE/red Silicone septa, 11mm blue snap-top polypropylene cap, 6mm centre hole	
<b>SC1022102</b>	pre-slit red PTFE/white Silicone septa, 11mm blue snap-top polypropylene cap, 6mm centre hole	
<b>SC1044102</b>	pre-slit blue PTFE/white Silicone septa, 11mm blue snap-top polypropylene cap, 6mm centre hole	
<b>SC101103</b>	white PTFE/red Silicone septa, 11mm red snap-top polypropylene cap, 6mm centre hole	
<b>SC102103</b>	red PTFE/white Silicone septa, 11mm red snap-top polypropylene cap, 6mm centre hole	
<b>SC1011103</b>	pre-slit white PTFE/red Silicone septa, 11mm red snap-top polypropylene cap, 6mm centre hole	
<b>SC1022103</b>	pre-slit red PTFE/white Silicone septa, 11mm red snap-top polypropylene cap, 6mm centre hole	
<b>SC1044103</b>	pre-slit blue PTFE/white Silicone septa, 11mm red snap-top polypropylene cap, 6mm centre hole	

### 2.6 Screw Neck ND13



The vials are preferentially used on instruments of the following manufacturers:  
Dionex, Shimadzu, Spark, Varian, VWR (Merck®)/ Hitachi, Waters® (Wisp 48 Position Carousel), etc. (Please have a look at the autosampler compatibility chart)



#### 2.6.1 Screw Neck Vials ND13



**V1317**

4ml screw-thread vial,  
clear 15\*45mm USP 1



**V1327**

4ml screw-thread vial  
with write on spot,  
clear 15\*45mm USP 1



**V1335**

4ml screw-thread vial,  
amber 15\*45mm USP 1



**V1345**

4ml screw-thread vial  
with write on spot,  
amber 15\*45mm USP 1

#### 2.6.2 12mm Natural Rubber/TEF, Red Rubber/PTFE, Silicone/PTFE and Butyl/PTFE Septa



**S131**

White PTFE/red  
Silicone septa  
12\*1.5mm temperature  
resistance -60 C-200 C



**S132**

Red PTFE/white  
Silicone septa  
12\*1.5mm temperature  
resistance -60 C-200 C



**S133**

Red PTFE/white  
Silicone/red PTFE septa  
13\*1.5mm temperature  
resistance -60 C-200 C



**S134**

Nature PTFE/nature  
Silicone septa  
12\*1.5mm temperature  
resistance -60 C-200 C



**S135**

Nature PTFE/red  
rubber septa 13\*1.5mm  
temperature resistance  
-60 C-200 C



**S1311**

Pre-slit white PTFE/red  
Silicone septa  
12\*1.5mm temperature  
resistance -60 C-200 C



**S1322**

Pre slit red PTFE/white  
Silicone septa  
12\*1.5mm temperature  
resistance -60 C-200 C

#### 2.6.3 PP Screw Caps ND13



**C131**

13mm black screw  
polypropylene cap,  
8.5mm centre hole



**C132**

13mm black screw  
polypropylene cap,  
closed-top

#### 2.6.4 Assembly Caps with Septa



P/N	Description	Package
<b>SC131131</b>	white PTFE/red Silicone septa, 13mm black screw polypropylene cap, 8.5mm centre hole	
<b>SC132131</b>	red PTFE/white Silicone septa, 13mm black screw polypropylene cap, 8.5mm centre hole	
<b>SC133131</b>	red PTFE/white Silicone /red PTFE septa, 13mm black screw polypropylene cap, 8.5mm centre hole	



<b>SC134131</b>	nature PTFE/nature Silicone septa, 13mm black screw polypropylene cap, 8.5mm centre hole	100Nos
<b>SC135131</b>	nature PTFE/red rubber septa, 13mm black screw polypropylene cap, 8.5mm centre hole	
<b>SC134132</b>	nature PTFE/nature Silicone septa, 13mm black screw polypropylene cap, closed-top	
<b>SC1311131</b>	pre-slit white PTFE/red Silicone septa, 13mm black screw polypropylene cap, 8.5mm centre hole	
<b>SC1322131</b>	pre-slit red PTFE/white Silicone septa, 13mm black screw polypropylene cap, 8.5mm centre hole	

## 2.7 Screw Neck ND15

### 2.7.1 Screw Neck Vials ND15



**V1517**

8ml screw-thread vial,  
clear 16.6\*60mm USP  
1



**V1537**

8ml screw-thread vial,  
amber 16.6\*60mm  
USP 1

### 2.7.2 15mm Natural Rubber/TEF, Red Rubber/PTFE, Silicone/PTFE and Butyl/PTFE Septa



**S152**

Nature PTFE/nature  
Silicone septa  
15\*1.5mm  
temperature resistance  
-60°C-200°C



**S155**

Clear FEP/red Rubber  
septa 15\*1.5mm  
temperature resistance  
-60°C-200°C

### 2.7.3 PP Screw Caps ND15



**C151**

15mm black screw  
polypropylene cap,  
8.5mm centre hole



**C152**

15mm black screw  
polypropylene cap,  
closed-top

### 2.7.4 Assembly Caps with Septa





P/N	Description	Package
<b>SC152151</b>	Nature PTFE/nature Silicone septa, 15mm black screw polypropylene cap, 8.5mm centre hole	100Nos
<b>SC155151</b>	Clear FEP/red Rubber septa, 15mm black screw polypropylene cap, 8.5mm centre hole	
<b>SC152152</b>	Nature PTFE/nature Silicone septa, 15mm black screw polypropylene cap, closed-top	
<b>SC155152</b>	Clear FEP/red Rubber septa, 15mm black screw polypropylene cap, closed-top	

## 2.8 Screw Neck 15-425

### 2.8.1 Screw Neck Vials 15-425



**V1817**

12ml screw-thread vial,  
clear 18.4\*65mm USP  
1



**V1827**

12ml screw-thread vial  
with write on spot ,  
clear 18.4\*65mm USP  
1



**V1837**

12ml screw-thread vial,  
amber 18.4\*65mm  
USP 1



**V1847**

12ml screw-thread vial,  
amber with write on spot  
18.4\*65mm USP 1

### 2.8.2 15mm Natural Rubber/TEF, Red Rubber/PTFE, Silicone/PTFE and Butyl/PTFE Septa



**S152**

Nature PTFE/nature  
Silicone septa  
15\*1.5mm temperature  
resistance -60°C-200  
C



**S155**

Clear FEP/red Rubber  
septa 15\*1.5mm  
temperature resistance  
-60°C-200°C

### 2.8.3 PP Screw Caps ND15



**C151**

15mm black screw  
polypropylene cap,  
8.5mm centre hole



**C152**

15mm black screw  
polypropylene cap,  
closed-top

### 2.8.4 Assembly Caps with Septa





P/N	Description	Package
SC152151	Nature PTFE/nature Silicone septa, 15mm black screw polypropylene cap, 8.5mm centre hole	100Nos
SC155151	Clear FEP/red Rubber septa, 15mm black screw polypropylene cap, 8.5mm centre hole	
SC152152	Nature PTFE/nature Silicone septa, 15mm black screw polypropylene cap, closed-top	
SC155152	Clear FEP/red Rubber septa, 15mm black screw polypropylene cap, closed-top	

## 2.9 Screw Neck 18-400

### 2.9.1 Screw Neck Vials 18-400



**V1817T**

15ml/16ml screw-thread vial,  
clear 22\*70mm USP 1



**V1837T**

15ml/16ml screw-thread vial,  
amber 22\*70mm USP 1

### 2.9.2 18mm Natural Rubber/TEF, Red Rubber/PTFE, Silicone/PTFE and Butyl/PTFE Septa



**S184**

Nature PTFE/nature Silicone  
septa 18\*1.5mm  
temperature resistance -60  
C -200 C

### 2.9.3 PP Screw Caps ND18



**C183**

18mm white screw  
polypropylene cap, closed -  
top

### 2.9.4 Assembly Caps with Septa



P/N	Description	Package
SC184183	Nature PTFE/nature Silicone septa, 18mm white screw polypropylene cap, closed-top 18-400	100Nos



### 3.1 Headspace ND20 (ND18)



Agilent, Carlo Erba,DANI,CTC PAL (Varian, Gerstel, Atas, Shimadzu)

Thermo Scientific TriPlus HS \*\*\* (Varian, Gerstel, Atas, Shimadzu),

Fisons, SPME Vial for CTC PAL

#### 3.1.1 Crimp Neck Vials ND20 + Screw Neck Vials ND18



**VH1017**

10ml crimp headspace  
clear vial, flat bottom  
22.5\*46mm USP 1



**VH2017**

20ml crimp headspace  
clear vial, flat bottom  
22.5\*75.5mm USP 1



**VHR2017**

20ml crimp headspace  
clear vial, rounded  
bottom 22.5\*75.5mm  
USP 1



**VA101**

10ml clear precision  
screw- thread vial,  
round bottom  
22.5\*46mm USP 1



**VA201**

20ml clear precision  
screw- thread vial,  
round bottom  
22.5\*75.5mm USP 1



**VA205**

20ml amber precision  
screw- thread vial,  
round bottom  
22.5\*75.5mm



**VH1037**

10ml crimp headspace  
amber vial, flat bottom  
22.5\*46mm USP 1



**C201**

Crimp-top aluminum  
cap, 10mm centre hole  
20mm



**C202**

Crimp-top blue  
magnetic aluminum  
cap, 10mm centre hole  
20mm



**C203**

Crimp-top yellow  
magnetic aluminum  
cap, 10mm centre hole  
20mm



**CA001**

18mm magnetic  
precision screw-thread  
metal cap, 8mm centre  
hole



### 3.1.3 Natural Rubber/TEF, Red Rubber/PTFE, Silicone/PTFE and Butyl/PTFE Septa



**S201**

White PTFE/white  
Silicone septa 20\*3mm  
temperature resistance  
-60°C-200°C



**S202**

Nature PTFE/nature  
Silicone septa 20\*3mm  
temperature resistance  
-60°C-200°C



**S203**

White PTFE/blue  
Silicone septa 20\*3mm  
temperature resistance  
-60°C-200°C



**S204**

Nature PTFE/yellow  
Silicone septa 20\*3mm  
temperature resistance  
-60°C-200°C



**S205**

Nature PTFE/blue  
Silicone septa 20\*3mm  
temperature resistance  
-60°C-200°C



**SA001**

Blue PTFE/white  
Silicone septa  
17.5\*1.5mm  
temperature resistance  
-60°C-200°C



**S206**

Grey PTFE/ Butyl  
septa 20\*3mm  
temperature resistance  
-60°C-200°C



**S206T**

Moulded Grey PTFE/  
Butyl septa 20\*3mm  
temperature resistance  
-60°C-200°C



**S207**

Butyl septa for HS  
analysis 20\*3mm  
temperature resistance  
-60°C-200°C

### 3.1.4 Assembly Caps With Septa



P/N	Description	Package
<b>SACA001</b>	blue PTFE/white Silicone septa, 18mm magnetic precision screw-thread metal cap, 8mm centre hole	100Nos
<b>SC201201</b>	White PTFE/white Silicone septa, 20mm crimp-top aluminum cap, 10mm centre hole	
<b>SC202201</b>	Nature PTFE/nature Silicone septa, 20mm crimp-top aluminum cap, 10mm centre hole	
<b>SC203201</b>	White PTFE/blue Silicone septa, 20mm crimp-top aluminum cap, 10mm centre hole	
<b>SC204201</b>	Nature PTFE/yellow Silicone septa, 20mm crimp-top aluminum cap, 10mm centre hole	
<b>SC205201</b>	Nature PTFE/blue Silicone septa, 20mm crimp-top aluminum cap, 10mm centre hole	
<b>SC201202</b>	White PTFE/white Silicone septa, 20mm crimp-top blue magnetic aluminum cap, 10mm centre hole	
<b>SC202202</b>	Nature PTFE/nature Silicone septa, 20mm crimp-top blue magnetic aluminum cap, 10mm centre hole	
<b>SC203202</b>	White PTFE/blue Silicone septa, 20mm crimp-top blue magnetic aluminum cap, 10mm centre hole	
<b>SC205202</b>	Nature PTFE/blue Silicone septa, 20mm crimp-top blue magnetic aluminum cap, 10mm centre hole	
<b>SC201203</b>	White PTFE/white Silicone septa, 20mm crimp-top yellow magnetic aluminum cap, 10mm centre hole	
<b>SC202203</b>	Nature PTFE/nature Silicone septa, 20mm crimp-top yellow magnetic aluminum cap, 10mm centre hole	
<b>SC203203</b>	White PTFE/blue Silicone septa, 20mm crimp-top yellow magnetic aluminum cap, 10mm centre hole	
<b>SC205203</b>	Nature PTFE/blue Silicone septa, 20mm crimp-top yellow magnetic aluminum cap, 10mm centre hole	



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3.1.5 Crimper for 20mm Crimp vials

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**CRH20**  
20mm crimper for crimp vials, steel, black color

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3.2 ND20 Screw Vials with seals

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3.2.1 Screw Neck Vials ND20

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V2017T

22ml screw-thread  
storage vial, clear  
22.5\*85mm USP 1



V2027T

22ml screw-thread  
storage vial, amber  
22.5\*85mm USP 1

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3.2.2 20-400 Seals ND20 caps

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C201P

Black screw  
polypropylene cap,  
closed-top 20mm



C203P

White screw  
polypropylene cap,  
closed-top 20mm

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3.2.3 Natural Rubber/TEF, Red Rubber/PTFE, Silicone/PTFE and Butyl/PTFE Septa

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S201P

Nature PTFE/nature  
Silicone septa 18\*1mm  
temperature resistance  
-60°C-200°C

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3.2.4 Assembly Caps With Septa

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P/N	Description	Package
SC201201P	Nature PTFE/nature Silicone septa 18*1mm, 20mm black screw polypropylene cap, closed-top	100Nos
SC201203P	Nature PTFE/nature Silicone septa 18*1mm, 20mm white screw polypropylene cap, closed-top	

### 3.3 Screw Neck ND24 (EPA)



"Ready to use combination seals; no time-consuming and "tricky" assembly. No contamination of the liner with sweat/fat that normally is caused by manual assembly. Available as closed top screw seals or with centre hole in white 24-400 caps. Broad variety of different septa materials for almost all applications. Also UltraBond Seals ND24 are offered, i.e. that the cap and the Silicone/PTFE liner of these seals form an inseparable unit avoiding the problem of liners falling out of the cap. This 100% firm fit of the liner is achieved by a patented process that requires no adhesives, but instead changes the molecular structure of both components to achieve the fixation. Also pre-sealed vials are available!"

#### 3.3.1 Screw Neck Vials ND24 (EPA)



V2017

20ml screw-thread storage vial, clear  
27.5\*57mm USP 1



V2027

20ml screw-thread storage vial, amber  
27.5\*57mm USP 1



V3017

30ml screw-thread storage vial, clear  
27.5\*75mm USP 1



V3027

30ml screw-thread storage vial, amber  
27.5\*75mm USP 1



V4017

40ml screw-thread storage vial, clear  
27.5\*95mm USP 1



V4027

40ml screw-thread storage vial, amber  
27.5\*95mm USP 1



V6017

60ml screw-thread storage vial, clear  
27.5\*140mm USP 1



V6027

60ml screw-thread storage vial, amber  
27.5\*140mm USP 1

#### 3.3.2 PP Screw Seals ND24



C221

White screw polypropylene cap, 15mm centre hole 22mm



C222

White screw polypropylene cap, closed-top 22mm



C223

Black screw polypropylene cap, 15mm centre hole 22mm



C224

Black screw polypropylene cap, closed-top 22mm



C225

Blue screw polypropylene cap, 15mm centre hole 22mm



C226

Red screw polypropylene cap, 15mm centre hole 22mm



**3.3.3 Natural Rubber/TEF, Red Rubber/PTFE, Silicone/PTFE and Butyl/PTFE Septa**



**S221-I**

Nature PTFE/nature Silicone  
septa 22\*3mm temperature  
resistance -60 C-200 C



**S221-III**

Nature PTFE/nature Silicone  
septa 22\*2mm temperature  
resistance -60 C-200 C



**S225**

PE Layer septa 22\*1mm

**3.3.4 Assembly Caps with Septa**



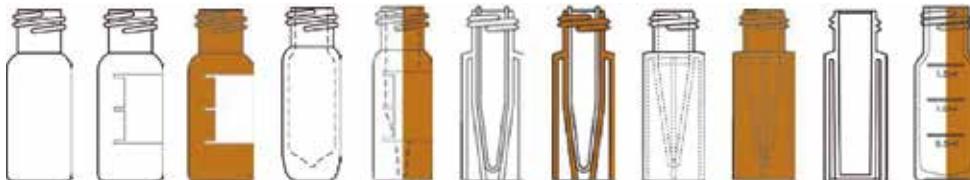
P/N	Description	Package
SC221221	Nature PTFE/nature Silicone septa 22*3mm, 22mm white screw polypropylene cap, 15mm centre hole	100Nos
SC221222	Nature PTFE/nature Silicone septa 22*2mm, 22mm white screw polypropylene cap, closed-top	
SC221223	Nature PTFE/nature Silicone septa 22*3mm, 22mm black screw polypropylene cap, 15mm centre hole	
SC221224	Nature PTFE/nature Silicone septa 22*2mm, 22mm black screw polypropylene cap, closed-top	
SC225222	PE layer septa 22*1mm, 22mm white screw polypropylene cap, closed-top	
SC221225	Nature PTFE/nature Silicone septa 22*3mm, 22mm blue screw polypropylene cap, 15mm centre hole	
SC221226	Nature PTFE/nature Silicone septa 22*3mm, 22mm red screw polypropylene cap, 15mm centre hole	

**4.0 Drawing of Vials**

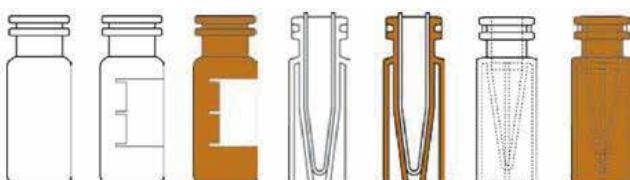
**Screw Neck ND8, small opening Vials**



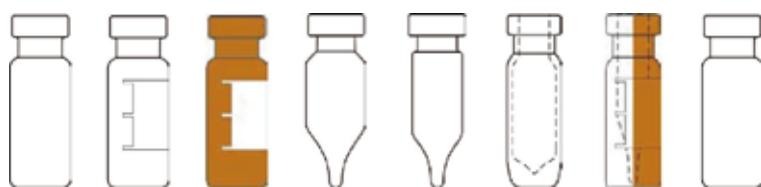
**Screw Neck ND9, wide opening Vials**



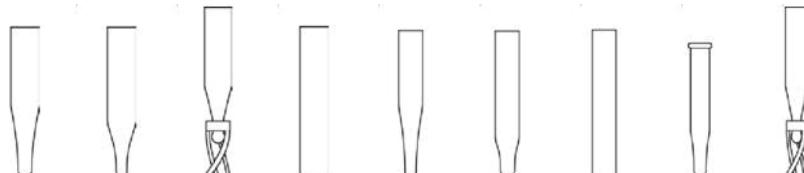
**Snap Ring ND11 Vials**



**Crimp Neck ND11 Vials**



**Inserts**



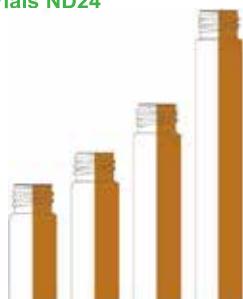
**13-425 Screw Vials**



**Headspace ND20 Vials**



**EPA-Vials ND24**



**5.0 HPLC Syringe Filters**

<b>PES 100pcs/pack</b>	
PES13022	Syringe Filter, 13mm, 0.22um, Polyether Sulfone
PES13045	Syringe Filter, 13mm, 0.45um, Polyether Sulfone
PES17022	Syringe Filter, 17mm, 0.22um, Polyether Sulfone
PES17045	Syringe Filter, 17mm, 0.45um, Polyether Sulfone
PES25022	Syringe Filter, 25mm, 0.22um, Polyether Sulfone
PES25045	Syringe Filter, 25mm, 0.45um, Polyether Sulfone
PES30022	Syringe Filter, 30mm, 0.22um, Polyether Sulfone
PES30045	Syringe Filter, 30mm, 0.45um, Polyether Sulfone
<b>MCE 100pcs/pack</b>	
MCE13022	Syringe Filter, 13mm, 0.22um, Mixed Cellulose





MCE13045	Syringe Filter, 13mm, 0.45um, Mixed Cellulose	
MCE17022	Syringe Filter, 17mm, 0.22um, Mixed Cellulose	
MCE17045	Syringe Filter, 17mm, 0.45um, Mixed Cellulose	
MCE25022	Syringe Filter, 25mm, 0.22um, Mixed Cellulose	
MCE25045	Syringe Filter, 25mm, 0.45um, Mixed Cellulose	
MCE30022	Syringe Filter, 30mm, 0.22um, Mixed Cellulose	
MCE30045	Syringe Filter, 30mm, 0.45um, Mixed Cellulose	
<b>NY 100pcs/pack</b>		
NY13022	Syringe Filter, 13mm, 0.22um, Nylon	
NY13045	Syringe Filter, 13mm, 0.45um, Nylon	
NY17022	Syringe Filter, 17mm, 0.22um, Nylon	
NY17045	Syringe Filter, 17mm, 0.45um, Nylon	
NY25022	Syringe Filter, 25mm, 0.22um, Nylon	
NY25045	Syringe Filter, 25mm, 0.45um, Nylon	
NY30022	Syringe Filter, 30mm, 0.22um, Nylon	
NY30045	Syringe Filter, 30mm, 0.45um, Nylon	
<b>PTFE 100pcs/pack</b>		
PTFE13022	Syringe Filter, 13mm, 0.22um, PTFE, Hydrophobic	
PTFE13045	Syringe Filter, 13mm, 0.45um, PTFE, Hydrophobic	
PTFE13022H	Syringe Filter, 13mm, 0.22um, PTFE, Hydrophilic	
PTFE13045H	Syringe Filter, 13mm, 0.45um, PTFE, Hydrophilic	
PTFE17022	Syringe Filter, 17mm, 0.22um, PTFE, Hydrophobic	
PTFE17045	Syringe Filter, 17mm, 0.45um, PTFE, Hydrophobic	
PTFE25022	Syringe Filter, 25mm, 0.22um, PTFE, Hydrophobic	
PTFE25045	Syringe Filter, 25mm, 0.45um, PTFE, Hydrophobic	
PTFE25022H	Syringe Filter, 25mm, 0.22um, PTFE, Hydrophilic	
PTFE25045H	Syringe Filter, 25mm, 0.45um, PTFE, Hydrophilic	
PTFE30022	Syringe Filter, 30mm, 0.22um, PTFE, Hydrophobic	
PTFE30045	Syringe Filter, 30mm, 0.45um, PTFE, Hydrophobic	
<b>PVDF 100pcs/pack</b>		
PVDF13022	Syringe Filter, 13mm, 0.22um, Hydrophobic polyvinylidene fluoride	
PVDF13045	Syringe Filter, 13mm, 0.45um, Hydrophobic polyvinylidene fluoride	
PVDF13022H	Syringe Filter, 13mm, 0.22um, Hydrophilic polyvinylidene fluoride	
PVDF13045H	Syringe Filter, 13mm, 0.45um, Hydrophilic polyvinylidene fluoride	
PVDF17022	Syringe Filter, 17mm, 0.22um, Hydrophobic polyvinylidene fluoride	
PVDF17045	Syringe Filter, 17mm, 0.45um, Hydrophobic polyvinylidene fluoride	
PVDF25022	Syringe Filter, 25mm, 0.22um, Hydrophobic polyvinylidene fluoride	
PVDF25045	Syringe Filter, 25mm, 0.45um, Hydrophobic polyvinylidene fluoride	
PVDF25022H	Syringe Filter, 25mm, 0.22um, Hydrophilic polyvinylidene fluoride	
PVDF25045H	Syringe Filter, 25mm, 0.45um, Hydrophilic polyvinylidene fluoride	



PVDF30022	Syringe Filter, 30mm, 0.22um, Hydrophobic polyvinylidene fluoride	
PVDF30045	Syringe Filter, 30mm, 0.45um, Hydrophobic polyvinylidene fluoride	
<b>GF 100pcs/pack</b>		
GF13070	Syringe Filter, 13mm, 0.70um, Glass Fiber	
GF13100	Syringe Filter, 13mm, 1.00um, Glass Fiber	
GF17070	Syringe Filter, 17mm, 0.70um, Glass Fiber	
GF17100	Syringe Filter, 17mm, 1.00um, Glass Fiber	
GF25070	Syringe Filter, 25mm, 0.70um, Glass Fiber	
GF25100	Syringe Filter, 25mm, 1.00um, Glass Fiber	
GF30070	Syringe Filter, 30mm, 0.70um, Glass Fiber	
GF30100	Syringe Filter, 30mm, 1.00um, Glass Fiber	
<b>RC 100pcs/pack</b>		
RC13022	Syringe Filter, 13mm, 0.22um, Regenerated Cellulose	
RC13045	Syringe Filter, 13mm, 0.45um, Regenerated Cellulose	
RC25022	Syringe Filter, 25mm, 0.22um, Regenerated Cellulose	
RC25045	Syringe Filter, 25mm, 0.45um, Regenerated Cellulose	
<b>CA 100pcs/pack</b>		
CA13022	Syringe Filter, 13mm, 0.22um, Cellulose Acetate	
CA13045	Syringe Filter, 13mm, 0.45um, Cellulose Acetate	
CA17022	Syringe Filter, 17mm, 0.22um, Cellulose Acetate	
CA17045	Syringe Filter, 17mm, 0.45um, Cellulose Acetate	
CA25022	Syringe Filter, 25mm, 0.22um, Cellulose Acetate	
CA25045	Syringe Filter, 25mm, 0.45um, Cellulose Acetate	
CA30022	Syringe Filter, 30mm, 0.22um, Cellulose Acetate	
CA30045	Syringe Filter, 30mm, 0.45um, Cellulose Acetate	

## 6.0 Filter Membrane

<b>Nylon</b>		
MFNY13022	Filter Membrane, 13mm, 0.22um, Nylon 400pcs/bag	
MFNY13045	Filter Membrane, 13mm, 0.45um, Nylon 400pcs/bag	
MFNY25022	Filter Membrane, 25mm, 0.22um, Nylon 200pcs/bag	
MFNY25045	Filter Membrane, 25mm, 0.45um, Nylon 200pcs/bag	
MFNY47022	Filter Membrane, 47mm, 0.22um, Nylon 200pcs/bag	
MFNY47045	Filter Membrane, 47mm, 0.45um, Nylon 200pcs/bag	
<b>MCE</b>		
MFMCE13022	Filter Membrane, 13mm, 0.22um, MCE 400pcs/bag	
MFMCE13045	Filter Membrane, 13mm, 0.45um, MCE 400pcs/bag	



<b>MFMCE25022</b>	Filter Membrane, 25mm, 0.22um, MCE 200pcs/bag	
<b>MFMCE25045</b>	Filter Membrane, 25mm, 0.45um, MCE 200pcs/bag	
<b>MFMCE37022</b>	Filter Membrane, 37mm, 0.22um, MCE 200pcs/bag	
<b>MFMCE37045</b>	Filter Membrane, 37mm, 0.45um, MCE 200pcs/bag	
<b>MFMCE47022</b>	Filter Membrane, 47mm, 0.22um, MCE 200pcs/bag	
<b>MFMCE47045</b>	Filter Membrane, 47mm, 0.45um, MCE 200pcs/bag	
<b>PVDF</b>		
<b>MFPVDF13022</b>	Filter Membrane, 13mm, 0.22um, PVDF 400pcs/bag	
<b>MFPVDF13045</b>	Filter Membrane, 13mm, 0.45um, PVDF 400pcs/bag	
<b>MFPVDF25022</b>	Filter Membrane, 25mm, 0.22um, PVDF 200pcs/bag	
<b>MFPVDF25045</b>	Filter Membrane, 25mm, 0.45um, PVDF 200pcs/bag	
<b>MFPVDF47022</b>	Filter Membrane, 47mm, 0.22um, PVDF 200pcs/bag	
<b>MFPVDF47045</b>	Filter Membrane, 47mm, 0.45um, PVDF 200pcs/bag	
<b>PTFE</b>		
<b>MFPTFE13022</b>	Filter Membrane, 13mm, 0.22um, PTFE 400pcs/pack	
<b>MFPTFE13045</b>	Filter Membrane, 13mm, 0.45um, PTFE 400pcs/pack	
<b>MFPTFE25022</b>	Filter Membrane, 25mm, 0.22um, PTFE 200pcs/pack	
<b>MFPTFE25045</b>	Filter Membrane, 25mm, 0.45um, PTFE 200pcs/pack	
<b>MFPTFE47022</b>	Filter Membrane, 47mm, 0.22um, PTFE 200pcs/pack	
<b>MFPTFE47045</b>	Filter Membrane, 47mm, 0.45um, PTFE 200pcs/pack	
<b>CA</b>		
<b>MFCA13022</b>	Filter Membrane, 13mm, 0.22um, Cellulose Acetate 400pcs/pack	
<b>MFCA13045</b>	Filter Membrane, 13mm, 0.45um, Cellulose Acetate 400pcs/pack	
<b>MFCA25022</b>	Filter Membrane, 25mm, 0.22um, Cellulose Acetate 200pcs/pack	
<b>MFCA25045</b>	Filter Membrane, 25mm, 0.45um, Cellulose Acetate 200pcs/pack	
<b>MFCA47022</b>	Filter Membrane, 47mm, 0.22um, Cellulose Acetate 200pcs/pack	
<b>MFCA47045</b>	Filter Membrane, 47mm, 0.45um, Cellulose Acetate 200pcs/pack	
<b>PES</b>		
<b>MFPES13022</b>	Filter Membrane, 13mm, 0.22um, Polyether Sulfone 400pcs/pack	
<b>MFPES13045</b>	Filter Membrane, 13mm, 0.45um, Polyether Sulfone 400pcs/pack	
<b>MFPES25022</b>	Filter Membrane, 25mm, 0.22um, Polyether Sulfone 200pcs/pack	
<b>MFPES25045</b>	Filter Membrane, 25mm, 0.45um, Polyether Sulfone 200pcs/pack	
<b>MFPES47022</b>	Filter Membrane, 47mm, 0.22um, Polyether Sulfone 200pcs/pack	
<b>MFPES47045</b>	Filter Membrane, 47mm, 0.45um, Polyether Sulfone 200pcs/pack	



C. Hplc Peek Nuts

Code	Name	Description	Color	
HPN01	1/16 Peek, Shimadzu small round connector	Internal diameter 1/16 inch, External thread 10-32, overall height 18.82mm, OD 7.76mm	Nature color	
HPN02	1/16 Peek, Shimadzu big round connector (precision thread)	Internal diameter 1/16 inch, External thread 10-32, overall height 11.84mm, OD 16.60mm	Nature color	
HPN03	1/16 Peek, Shimadzu big round connector (rough thread)	Internal diameter 1/16 inch, External thread 10-32, overall height 16.18mm, OD 11.73mm	Nature color	
HPN04	1/16 Peek, Shimazu flat connector	Internal diameter 1/16 inch, External thread 10-32, overall height 22.99mm	Nature color	
HPN05	1/16 Peek, Shimazu long connector	Internal diameter 1/16 inch, External thread 10-32, overall height 26.46mm, OD 8.99mm	Nature color	
HPN06	1/16 Peek, gracile connector	Internal diameter 1/16 inch, External thread 10-32, overall height 18.57mm, OD 6.28mm	Nature color	
HPN07	1/16 Peek, upchurch connector	Internal diameter 1/16 inch, External thread 10-32, overall height 19.95mm, OD 9.51mm	Nature color	
HPN08	1/16 Outer hexagon connector	Internal diameter 1/16 inch, External thread 10-32, overall height 11.38mm, subtense 6.57mm	Nature color	
HPN09	1/4-28 thread 1/16 connector	Internal diameter 1/16 inch, External thread 1/4-28, overall height 22.09mm, OD 9.40mm	Nature color	
HPN10	M6 thread 1/16 connector	Internal diameter 1/16 inch, External thread M6	Nature color	

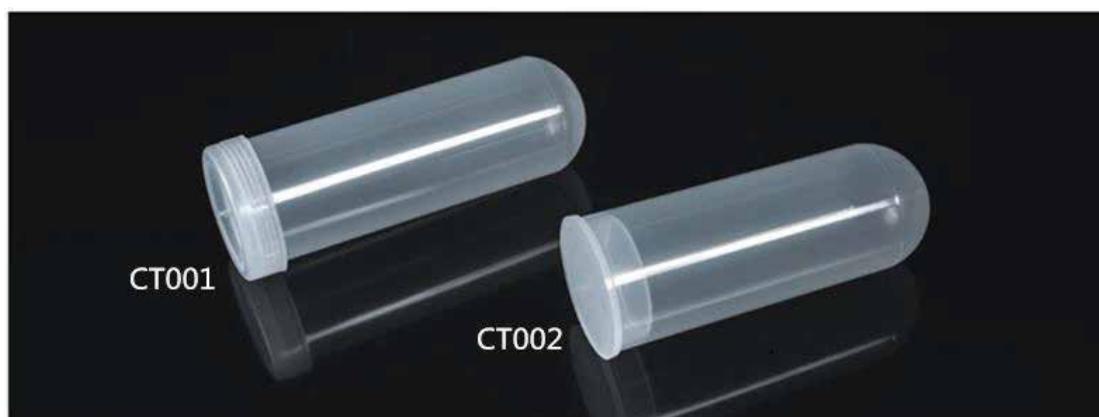


Code	Name	Description	Color	
HPN11	1/16 Peek	Internal diameter 1/16 inch, Internal thread 10-32, External thread 10-32, overall height 24.92mm, OD 9.85mm	Nature color	
HPN12	1/16 Peek, locking plug	External thread 10-32, overall height 17.84mm, OD 9.35mm	Nature color Red color Black color Yellow color	
HPN13	1/8 Shimadzu connector	Internal diameter 1/8 inch, External thread 5/16-24, overall height 15.95mm, OD 12.81mm	Nature color	
HPN14	1/8 Hexagon connector	Internal diameter 1/8 inch, External thread 5/16-24, overall height 15.81mm, subtense length 9.58mm	Nature color	
HPN15	External thread 1/4-28 OD 1/8 connector	Internal diameter 1/8 inch, External thread 1/4-28, overall height 17.43mm, OD 10.04mm	Nature color	
HPN16	1/16 Peek, Two-way	Internal diameter 1/16 inch, Internal thread 10-32, overall height 24.2mm, Internal thread 1/4-28	Nature color Black color Nature color	
HPN17	1/8 Peek, Two-way	Internal diameter 1/8 inch, Internal thread 5/16-24, overall height 33.69mm	Nature color	
HPN18	1/16 switch 1/8 Peek, Two-way	1/16 thread 10-32, 1/8 thread 5/16-24, Overall height 28.7mm	Nature color	
HPN19	Peek three links	Internal diameter 1/16 inch, Internal thread 10-32, Internal thread 1/4-28	Nature color Black color Nature color	
HPN20	Peek, hybrid tee	Internal thread 10-32	Nature color	



Code	Name	Description	Color	
HPN21	Peek, custom tee	Internal thread 1/4-28	Nature color	
HPN22	Peek, cross	Internal thread 10-32	Nature color	
HPN23	Luer connector	Internal and External thread 1/4-28	Nature color	

D. Centrifuge tube





Code	Description	Each Case Packing
CT001	100ml round bottom screw cap centrifuge tube	20pcs/bag*18bags
CT002	100ml round bottom bayonet centrifuge tube	20pcs/bag*18bags



Code	Description	Each Case Packing
CT003	50ml flat base centrifuge tube	40pcs/bag*14bags
CT004	50ml ogival base centrifuge tube	50pcs/bag*13bags
CT005	50ml round bottom bayonet centrifuge tube	50pcs/bag*14bags



Code	Description	Each Case Packing
CT006	20ml round bottom bayonet centrifuge tube	100pcs/bag*12bags
CT007	15ml round bottom bayonet centrifuge tube	100pcs/bag*15bags
CT008	15ml round bottom screw cap centrifuge tube	100pcs/bag*15bags
CT009	15ml ogival base screw cap centrifuge tube	100pcs/bag*15bags





Code	Description	Each Case Packing
CT010	10ml round base cap centrifuge tube	100pcs/bag*20bags
CT011	10ml ogival base screw cap centrifuge tube	100pcs/bag*20bags
CT012	10ml round bottom screw cap centrifuge tube	100pcs/bag*20bags



Code	Description	Each Case Packing
CT013	7ml round base centrifuge tube	200pcs/bag*12bags
CT014	5ml ogival base centrifuge tube	250pcs/bag*12bags
CT015	5ml round base centrifuge tube	300pcs/bag*10bags

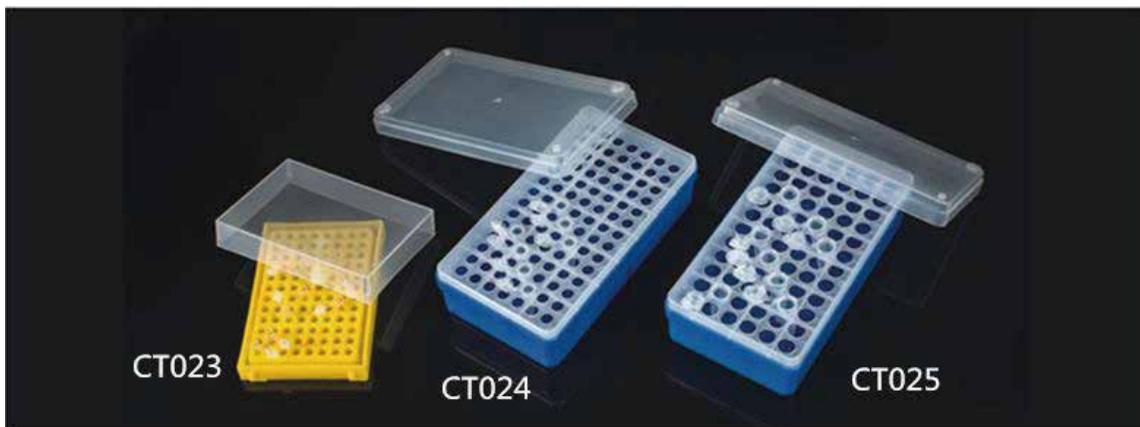


Code	Description	Each Case Packing
CT016	2ml centrifuge tube	100pcs/bag*20bags
CT017	1.5ml centrifuge tube	100pcs/bag*20bags
CT018	0.5ml centrifuge tube	100pcs/bag*20bags
CT019	centrifuge tube anticoagulant	100pcs/bag*20bags





Code	Description	Packing
CT020	Multipurpose centrifuge tube rack	50
CT021	1.5ml,0.5ml dual purpose centrifuge tube box 96-hole	50
CT022	1.5ml,0.5ml dual purpose centrifuge tube box 60-hole	50



Code	Description	Packing
CT023	0.2ml PCR tube box	144
CT024	0.5ml centrifuge tube box	144
CT025	1.5ml centrifuge tube box	144

#### E. Pasteur pipette



Code	Description	Each Case Packing
PP01	5ml pipet	100pcs/bag x 50bags
PP02	3ml pipet	100pcs/bag x 40bags
PP03	1ml pipet	100pcs/bag x 50bags
PP04	0.5ml capillary pipet	1000pcs/bag x 10bags
PP04A	0.5ml capillary pipet	1000pcs/bag x 10bags



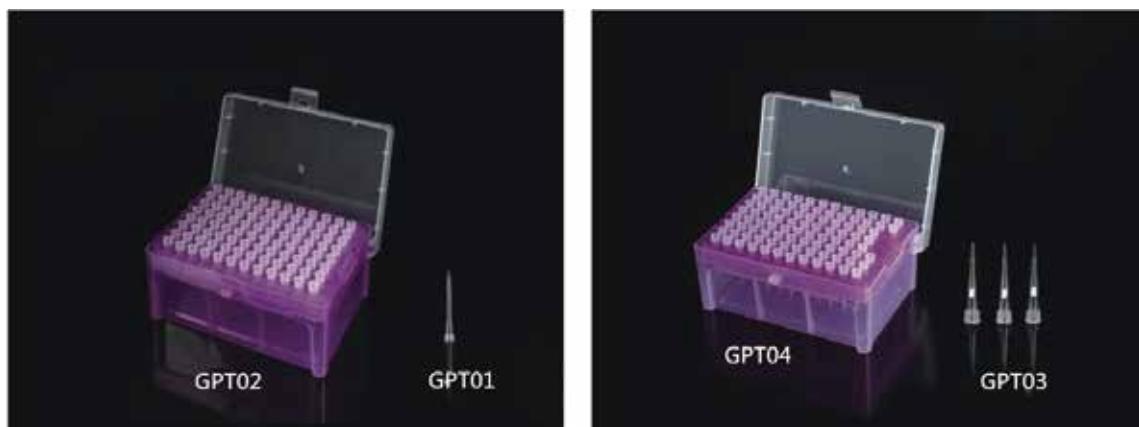
F. Reagent Bottle



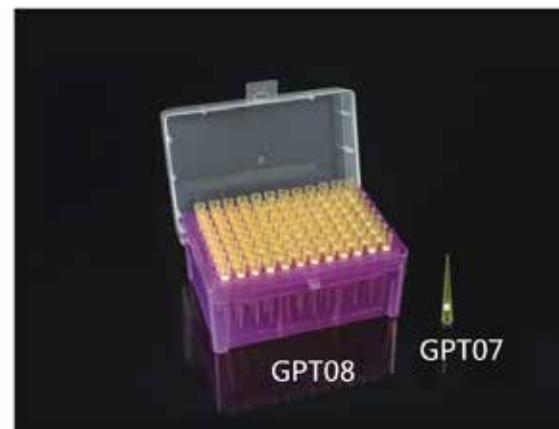
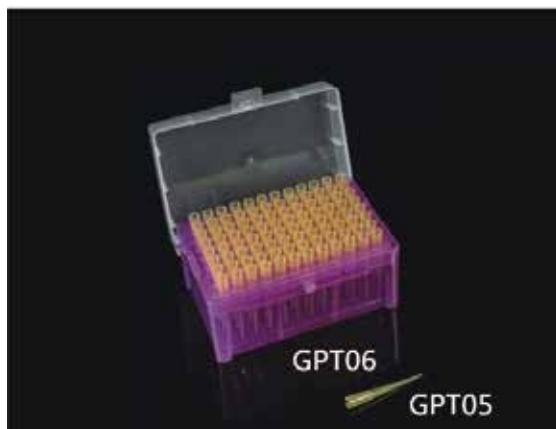
Code	Description	Packing
RBC50	50ml Reagent Bottle with Plastics bule screw cap,clear	80
RBC100	100ml Reagent Bottle with Plastics bule screw cap,clear	84
RBC250	250ml Reagent Bottle with Plastics bule screw cap,clear	64
RBC500	500ml Reagent Bottle with Plastics bule screw cap,clear	48
RBC1000	1L Reagent Bottle with Plastics bule screw cap,clear	27
RBC2000	2L Reagent Bottle with Plastics bule screw cap,clear	8
RBA50	50ml Reagent Bottle with Plastics bule screw cap,amber	80
RBA100	100ml Reagent Bottle with Plastics bule screw cap,amber	84
RBA250	250ml Reagent Bottle with Plastics bule screw cap,amber	64
RBA500	500ml Reagent Bottle with Plastics bule screw cap,amber	48
RBA1000	1L Reagent Bottle with Plastics bule screw cap,amber	27
RBA2000	2L Reagent Bottle with Plastics bule screw cap,amber	8



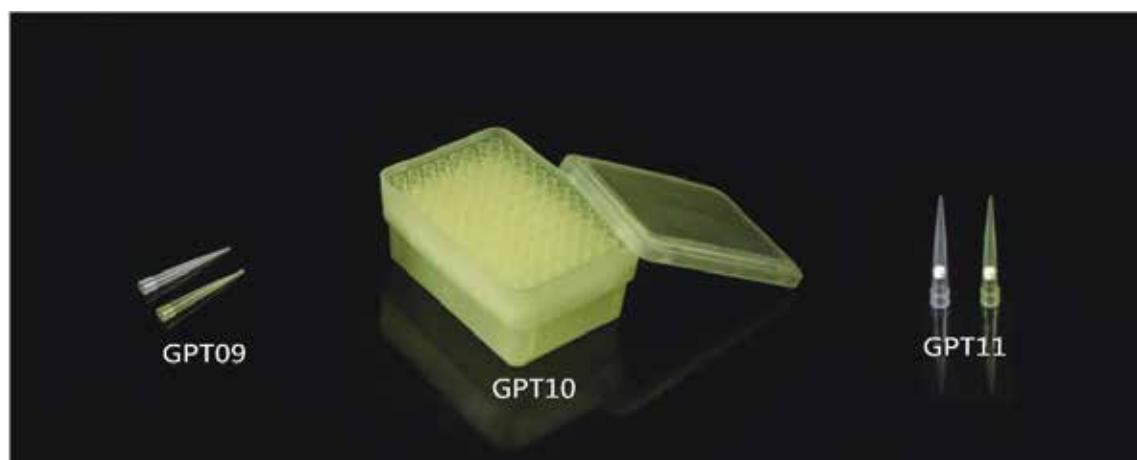
G. Pipet



Code	Description	Packing
GPT01	0.1-10ul Optional Eppendorf liquid relief pipe	Bulk
GPT02	0.1-10ul liquid relief pipet	Box-packed,Aseptic packaging
GPT03	0.1-10ul Optional Gilson filter liquid relief pipet	Bulk
GPT04	0.1-10ul Optional Gilson filter liquid relief pipet	Box-packed,Aseptic packaging



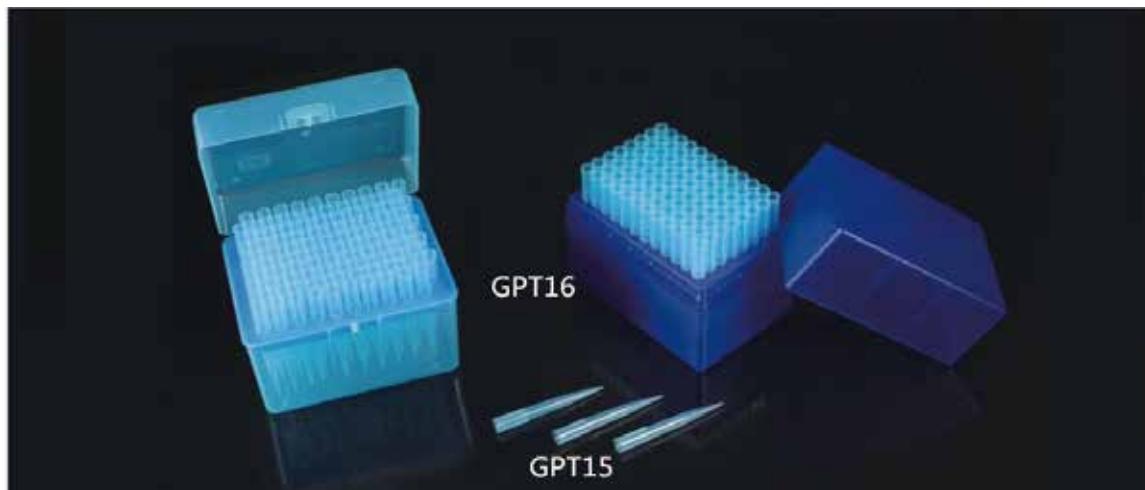
Code	Description	Packing
GPT05	200ul liquid relief pipet	Bulk
GPT06	200ul liquid relief pipet	Box-packed,Aseptic packaging
GPT07	200ul filter liquid relief pipet	Bulk
GPT08	200ul filter liquid relief pipet	Box-packed,Aseptic packaging



Code	Description	Packing
GPT09	250ul liquid relief pipet	Bulk
GPT10	250ul liquid relief pipet	Box-packed,Aseptic packaging
GPT11	250ul filter liquid relief pipet	Bulk



Code	Description	Packing
GPT12	200ul lengthened pipet	Bulk
GPT13	300ul liquid relief pipet	Bulk
GPT14	300ul filter liquid relief pipet	Bulk



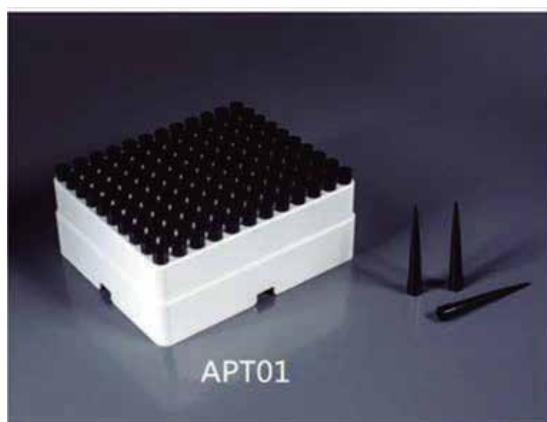
Code	Description	Packing
GPT15	1000ul liquid relief pipet	Bulk
GPT16	1000ul liquid relief pipet	Box-packed, Aseptic packaging



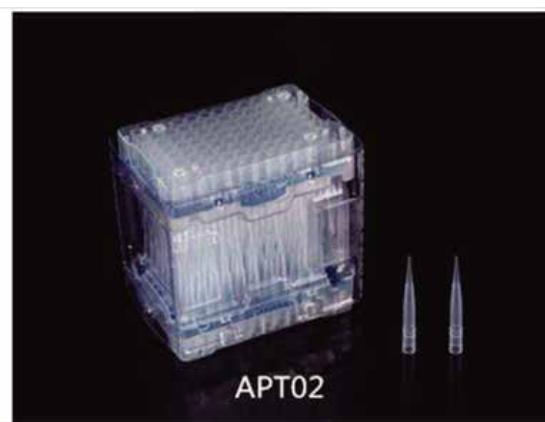
Code	Description	Packing
GPT17	1000ul filter liquid relief pipet	Bulk
GPT18	1000ul filter liquid relief pipet	Box-packed, Aseptic packaging
GPT19	5ml liquid relief pipet	Bulk
GPT20	10ml liquid relief pipet	Bulk



## Automatic liquid relief pipet series



APT01

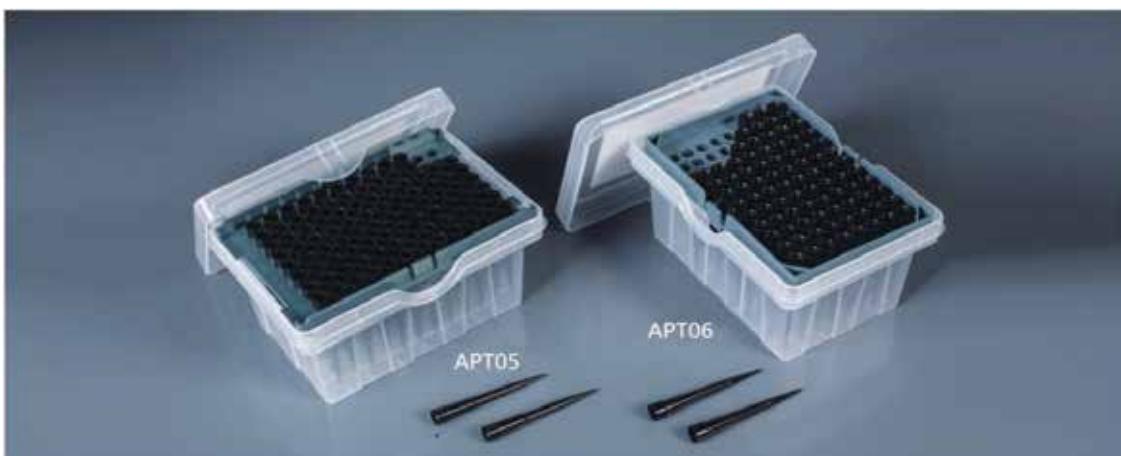


APT02

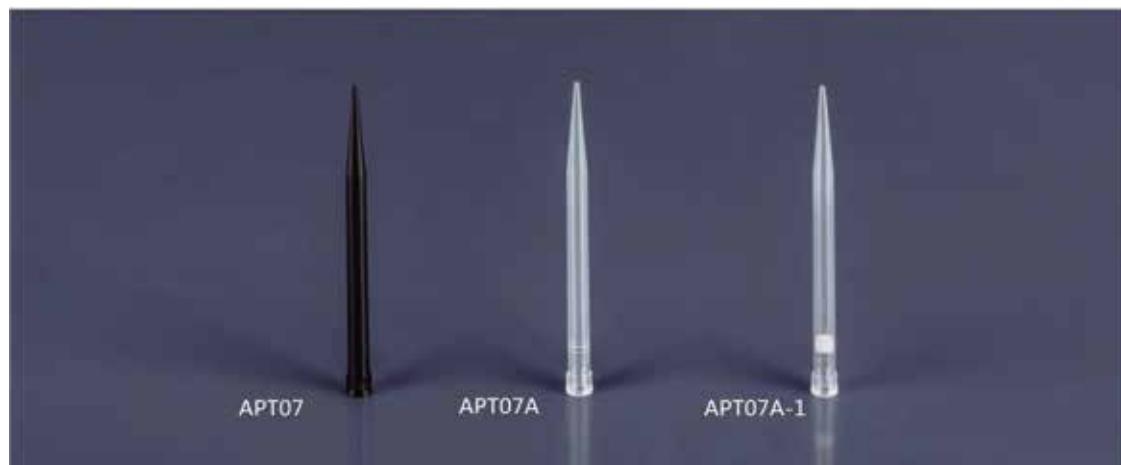
Code	Description	Packing
APT01	Optional 250ul Roche automatic liquid relief pipet	Bulk
APT02	Optional 250ul Roche automatic liquid relief pipet	Box-packed
APT02-1	Pipette tips for I Roche pretreatment	Box-packed



Code	Description	Packing
APT03	Optional 20ul Tecan automatic liquid relief pipet	Box-packed
APT04	Optional 50ul Hendon automatic liquid relief pipet	Box-packed



Code	Description	Packing
APT05	Optional 200ul Tecan automatic liquid relief pipet	Box-packed
APT06	Optional 300ul Hendon automatic liquid relief pipet	Box-packed



Code	Description	Packing
APT07	Optional 1000ul Conductive automatic liquor relief pipet	Bulk
APT07A	Optional 1000ul Tecan automatic liquor relief pipet	Bulk
APT07A-1	Optional 1000ul Tecan transparent filter automatic liquor relief pipet	Bulk



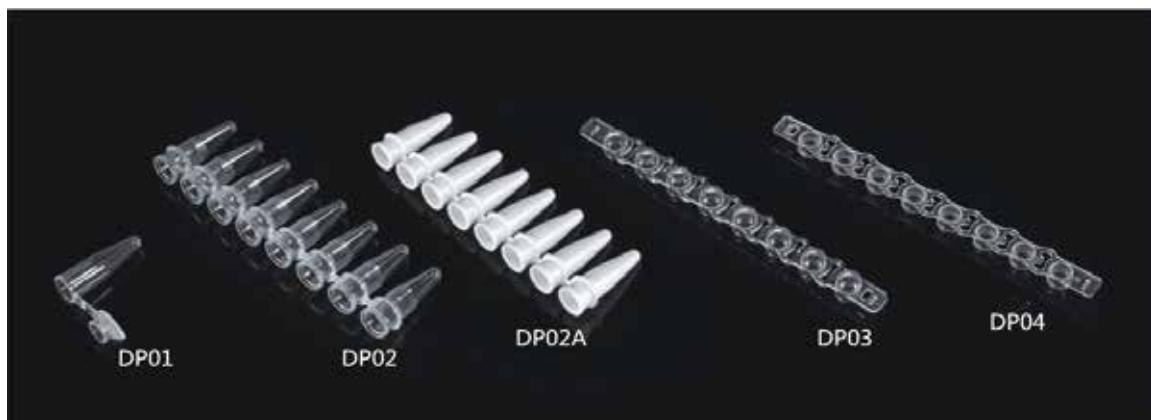
<b>Code</b>	<b>Description</b>	<b>Packing</b>
APT08	Optional 1000ul Hendon automatic liquor relief pipet	Box-packed



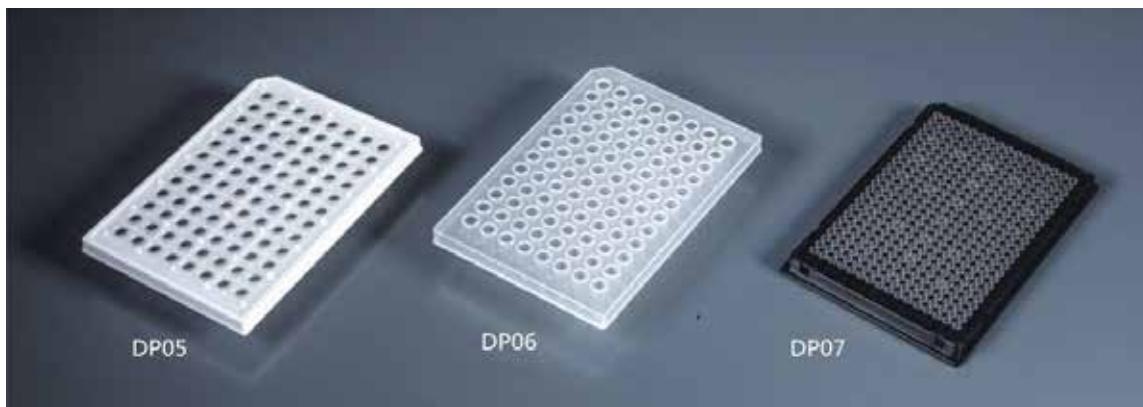
<b>Code</b>	<b>Description</b>	<b>Packing</b>
APT09	Pipette tips for Beckmann 250ul Chemiluminescence Immunoassay instrument	Bulk
APT10	Pipette tips for Bio-rad 300ul	Bulk
APT10-1	Pipette tips for Bio-rad 800ul	Bulk



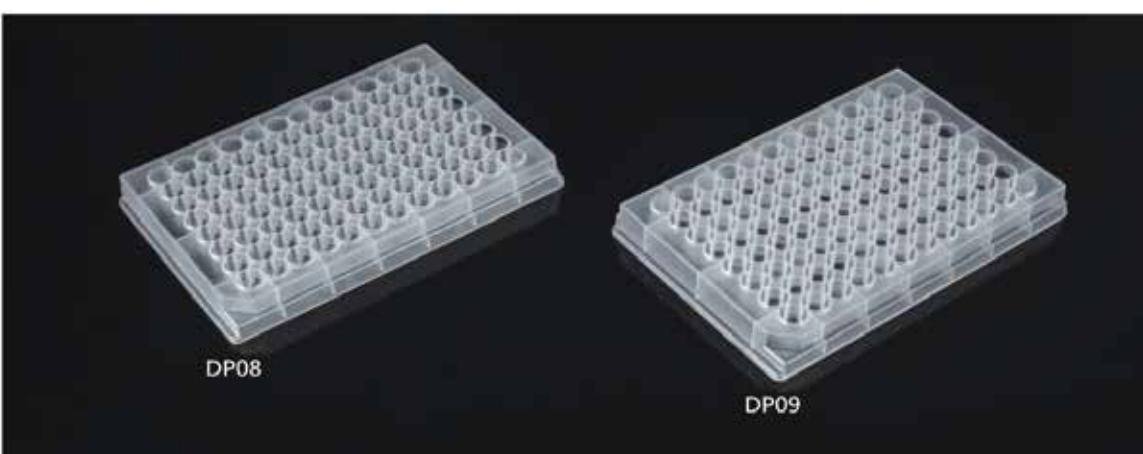
H. PCR tube & plate



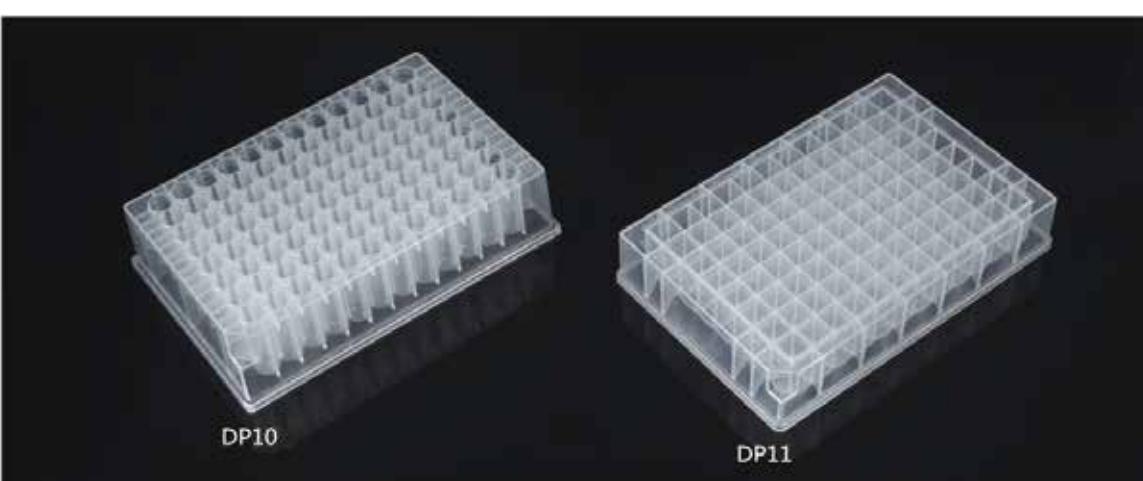
Code	Description	Each Case Packing
DP01	0.2ml thin wall PCR tube	1000pcs/bag*10bags
DP02	0.2ml eight PCR tubes	125pcs/bag*10bags
DP02A	0.2ml creamy white eight PCR tubes	125pcs/bag*10bags
DP03	0.2ml eight PCR tube round cap	125pcs/bag*10bags
DP04	0.2ml eight PCR tube flat cap	125pcs/bag*10bags



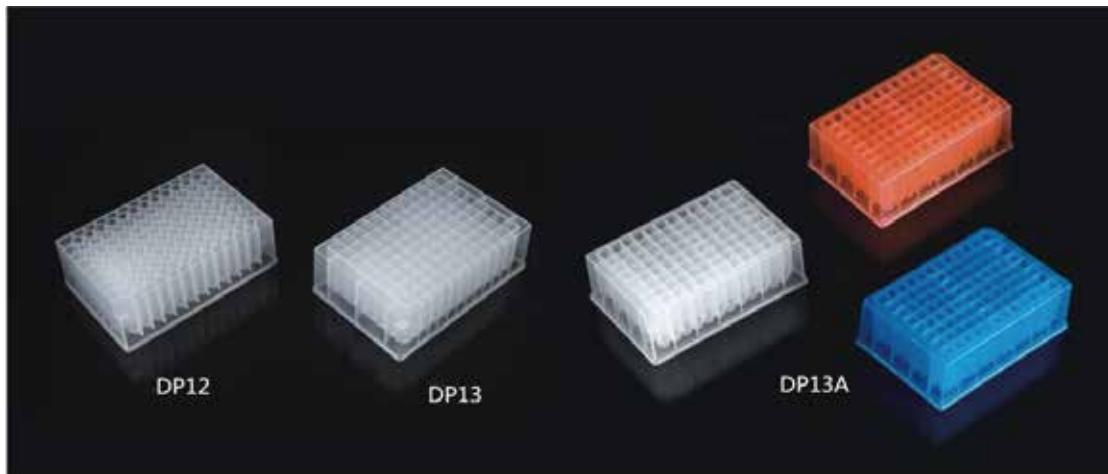
Code	Description	Each Case Packing
DP05	200ul 96-hole PCR plate semi-skirt	10 plates/bag*5bags
DP06	200ul 96-hole PCR plate skirt-free	10 plates/bag*5bags
DP07	40ul 384-hole PCR plate full-skirt	10 plates/bag*5bags



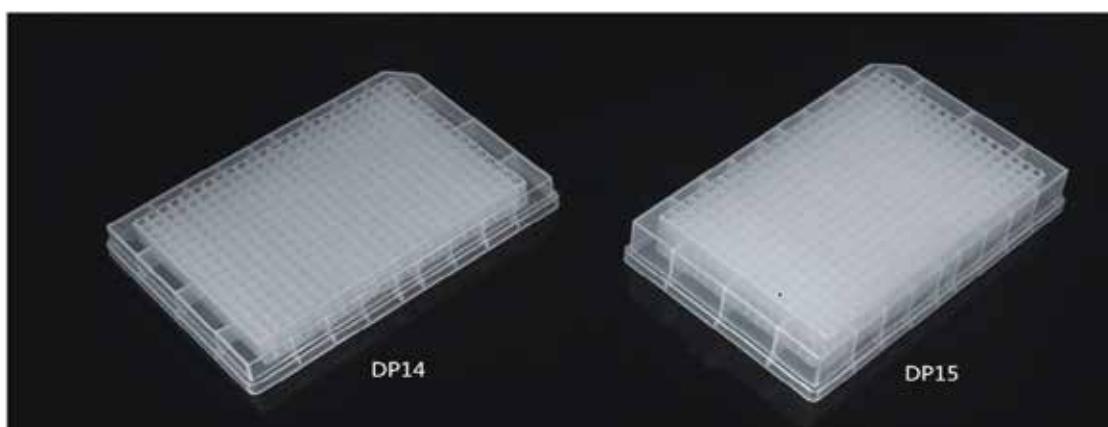
Code	Description	Each Case Packing
DP08	330ul 96-hole deep pore plate	10 plates/bag*10bags
DP09	350ul 96-hole deep pore plate	10 plates/bag*10bags



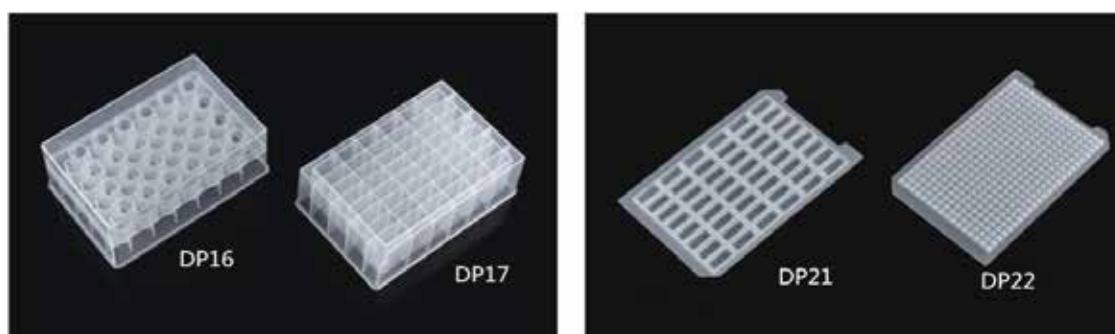
Code	Description	Each Case Packing
DP10	1.2ml 96-hole deep pore plate	10 plates/bag*10bags
DP11	1.2ml 96-hole deep pore plate	10 plates/bag*10bags



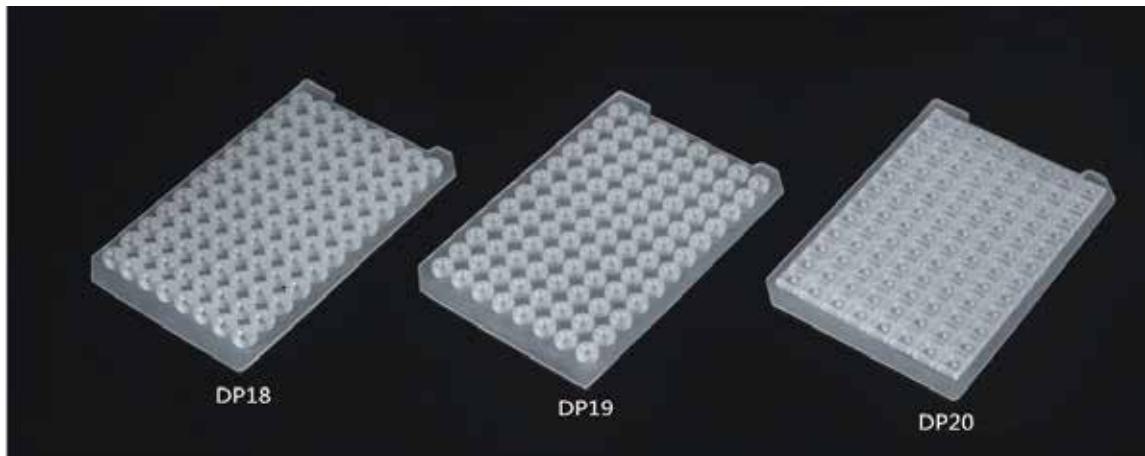
Code	Description	Each Case Packing
DP12	1.3ml 96-hole deep pore plate	5 plates/bag*10bags
DP13	2.2ml 96-hole deep pore plate	5 plates/bag*10bags
DP13A	2.2ml 96-hole deep pore plate	5 plates/bag*10bags



Code	Description	Each Case Packing
DP14	120ul 384-hole deep pore plate	10plates/bag*10bags
DP15	190ul 3884-hole deep pore plate	10plates/bag*10bags



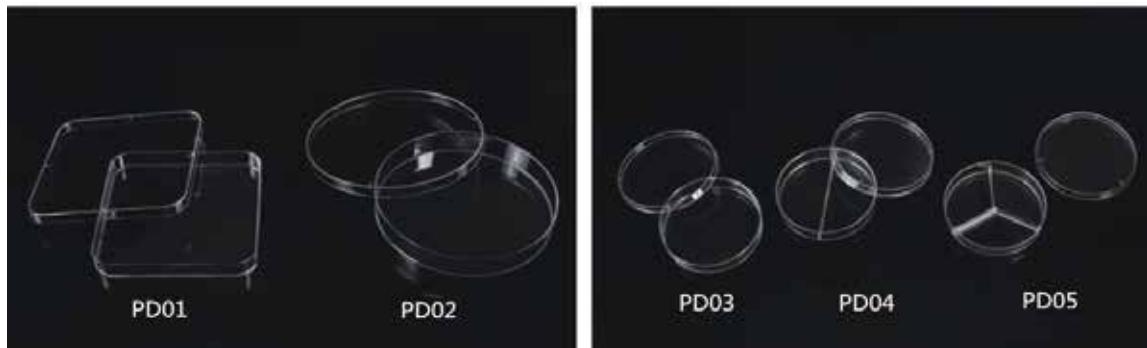
Code	Description	Each Case Packing
DP16	24-hole EP plate	10 pcs/box*5boxes
DP17	4.6ml 48 square-hole plate	10 pcs/box*5boxes
DP21	48-hole deep hole plate silicone sheet	10 pcs/box*5boxes
DP22	384-hole deep hole plate silicone sheet	10 pcs/box*5boxes



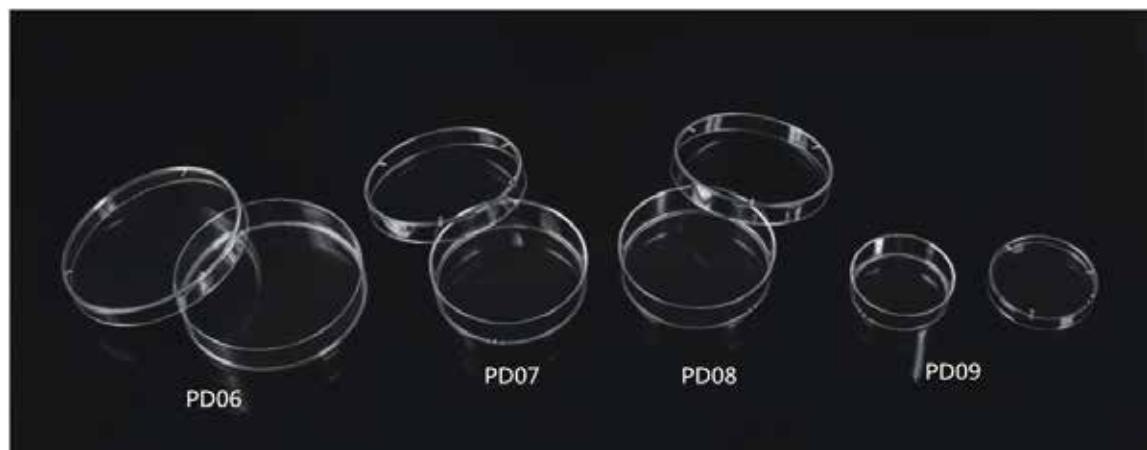
Code	Description	Each Case Packing
DP18	96-hole deep hole plate silicone sheet	10 pcs/box*5boxes
DP19	96-hole deep hole plate silicone sheet	10 pcs/box*5boxes
DP20	96-hole deep hole plate silicone sheet	10 pcs/box*5boxes

#### I. Petri dish &plate

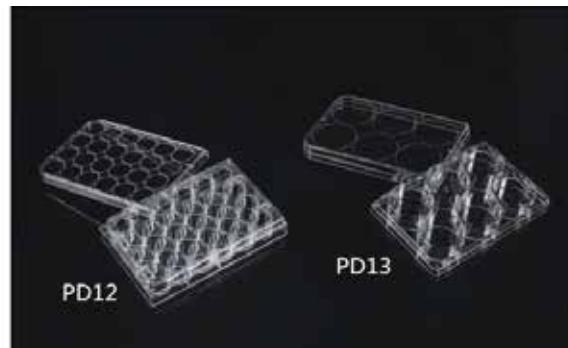
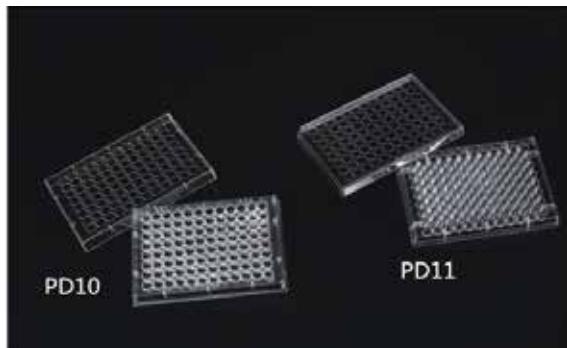




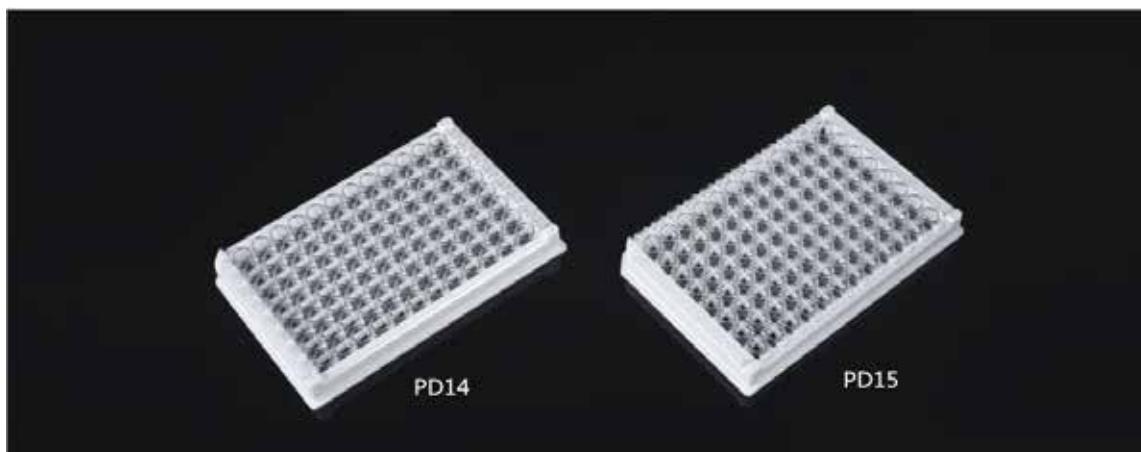
Code	Description	Each Case Packing
PD01	13x13cm petri dish	1pc/bag x 150bags
PD02	15cm petri dish	1pc/bag x 110bags
PD03	9cm petri dish	10pcs/bag x 50bags
PD04	9cm grid petri dish	10pcs/bag x 50bags
PD05	9cm three-grid petri dish	10pcs/bag x 50bags



Code	Description	Each Case Packing
PD06	7cm petri dish	10pcs/bag x 50bags
PD07	6cm petri dish	18pcs/bag x 50bags
PD08	5.5cm petri dish	18pcs/bag x 55bags
PD09	3.5cm petri dish	10pcs/bag x 230bags



Code	Description	Each Case Packing
PD10	96-hole round bottom culture plate	1pc/bag x 250bags
PD11	96-hole flat bottom culture plate	1pc/bag x 250bags
PD12	24-hole culture plate	1pc/bag x 190bags
PD13	6-hole culture plate	1pc/bag x 180bags



Code	Description	Each Case Packing
PD14	96-hole removable elisa plate, flat bottom 8 strips	1pc/bag x 250bags
PD15	96-hole removable elisa plate, flat bottom 12 strips	1pc/bag x 250bags



All standard items are stock items that usually can be dispatched within 24 hours after receipt of order. As we only supply wholesalers or dealers who promote our products as their own brands, we strictly keep up a policy of neutral packaging.

We want that consumers of our products are satisfied with them. Therefore everybody is welcome to ask for cost-free samples for testing purposes to evaluate the most appropriate product for his instrument/application with regard to technical suitability, convenience in handling and price-performance ratio. This way you have the opportunity to see and decide before placing an order.

In the meantime, we also offer different OEM packages or LOGO service with a very small MOQ, welcome all the customers email us for more details.

#### IMPORTANCE :

All the products can be **Sterilized** as customers' request and more sterile products will be on .....