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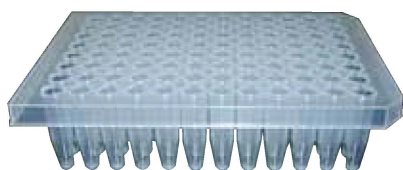
Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

<https://biochromato.nt-rt.ru> || boa@nt-rt.ru

Optimum for "metabolic stability test" and "medium-volume auto sampling"!

RAP/0 TubePlate 600



Features

- No elution of the enzyme inhibitor (Chelator free)
- No uneven temperature when used with an optional Aluminum Block
- 600 μ L capacity per well
- Medium volume rare among well plates
- Free from RNase, DNase, and human DNA
- Autoclavable

<Option>



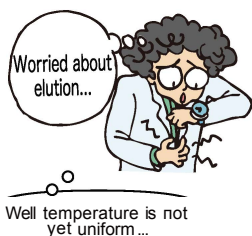
Aluminum Block



Plate Holder

*With the use of optional add-on items, it is possible to perform experiments without an uneven temperature and use it with an autosampler.

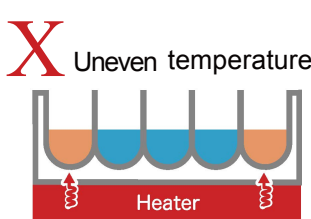
Enzyme inhibitors are not eluted and there is no concern about uneven temperature.



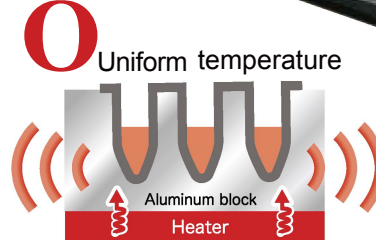
General-purpose plate



Tube Plate 600



General-purpose plate and heater



Tube Plate 600 and aluminum block for temperature control

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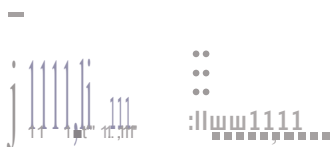
\tnPfO t,t1\

Good

"It is wonderful for staff performing metabolic tests that there is no effect on metabolism. In the past, there were problems in which metabolic reactions suddenly stopped occurring. We've been using Tube Plate 600 for over 5 years and haven't had that problem even once, so it's been a great help."

d

"When heating and cooling the plate, variations in the experiment data sometimes occurred due to uneven temperature, but using an aluminum block for temperature control eliminated the unevenness and increased reproducibility."



Size: designed to work in SBS standard Volume: 600 μ L/well
Material : Polypropylene Operating temperature : -80'C~130'C
Catalog Code : RTP6001-20 Quantity : 20 plates / box

<Tube Plate 600 Aluminum Block>
Size : designed to work in SBS standard
Catalog Code : RTP6001-BL

<Tube Plate 600 Plate Holder>
Size : designed to work in SBS standard
Catalog Code : RTP6001-AS

The plate seals developed from the voices of researchers

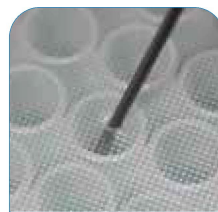
A plate seal perfect for safe sample storage!

Organic
solvent
resistant

Storable at
-80 degrees
Celsius

High
airtightness

+



Piercing
OK



RAPIDEPS

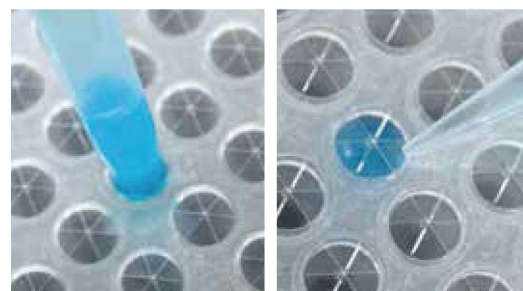
Applicable to various plates -not only
96-well but also 48-well, 384-well, etc.

A seal that can prevent volatilization even
when pierced with an autosampler!

Even pierced,
the seal returns to the
original state

Adhesive free at
the top of the well

Reduces costs and cleaning
labor arising from
the use of silicone mats



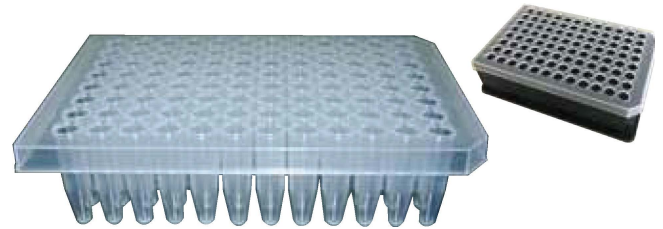
RAP10 Slit Seal

Optimum for a "metabolic stability test" and "medium-volume auto sampling"!

No elution of the enzyme inhibitor No uneven temperature 600 μ L capacity per well

Free from RNase, DNase, and human DNA

Autoclavable



RAP10 TubePlate 600

A plate seal perfect for safe sample storage!

RAPIDEP



- No elution from adhesive. * Based on our evaluation in the elution test (High organic solvent resistance to DMSO, acetonitrile, methanol, etc.)
- Storage at -80 degrees Celsius
- High airtightness
- Easy to peel off
- Applicable to various plates - not only 96-well but also 48-well, 384-well, etc.

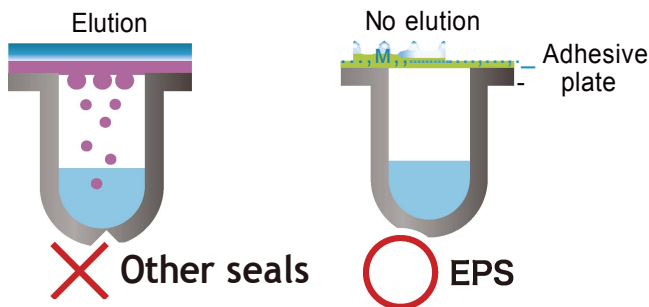
-80 °C (After 2-week storage)



No curling or deformation

No deformation even when returned to room temperature

In addition to being resistant to organic solvents, piercing can be done with it attached!



Easy to peel but no airtightness issues.



"In conventional heat sealing, it was difficult to peel off the seal after use, but EPS is easy to peel off, so it is used for storage. In addition, the seal is easy to peel off, but there is no problem with airtightness."

Convenient to punch through without removing the seal



"When samples are stored at low temperature, the seal had to be peeled off before auto-sampling in the past. However, we found EPS very convenient because it can be punched out with a needle as it is."

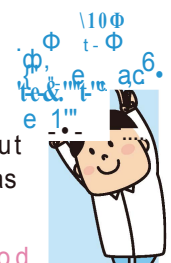
Good

from concerns about contamination!

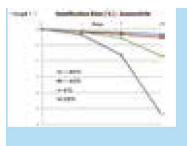


"If the seals I used to use in the past were stored at a low temperature, the glue would remain on the plate, and we had to worry about contamination. However, EPS is safe to use without any concerns about contamination."

"An aluminum heat seal doesn't have the hassle of cleaning like a silicon mat, so we have also considered it, but because they are not as convenient as EPS, we have adopted EPS injectable while attached."



Good



<Examples of compatible systems>

*6400 Series Triple Quadrupole LC/MS System(Agilent Technologies)

*Prominence SIL-20A(Shimadzu Corporation)

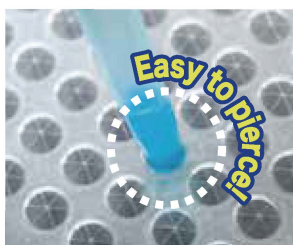
*Nexera X2 SIL-30AC(Shimadzu Corporation) etc.

FAQ • Evaluation Datas

Size : W 80mmx L 122mm Material : Polyolefin Operating temperature : -80℃~ 80℃
Catalog Code : REPS001 Quantity : 100 sheets / box

Seal that can prevent volatilization even when pierced with an autosampler!

RAP10 Slit Seal



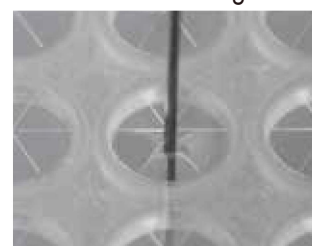
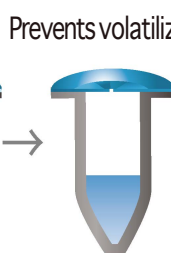
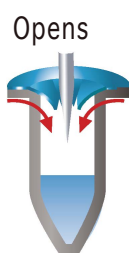
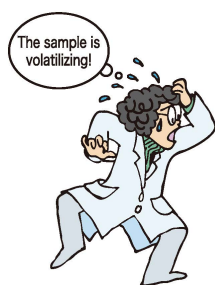
1Features 1

- Even pierced, the seal returns to the original state and prevents solvent evaporation
- Adhesive free at the top of the well (contamination prevented)
- Usable at -80 °C - 100 °C
- Reduces costs and cleaning labor arising from the use of silicone mats

X Other seals

O SlitSeal

Prevents volatilization and ensures storage



Hassle-free!

The sample solvent is less likely to evaporate, and even after one night, the residual solution can be used for performing reanalysis or other types of analysis, reducing the need for sample reconditioning.

Good

Usable for several days of storage!

"Since Slit Seal is unlikely to volatilize even after repeated injections, samples that have been stored in about 300 microliter of acetonitrile solvent at 4 degrees Celsius on Friday can be re-measured on Monday."



Cost performance is better than that of a silicone mat!

Silicone mats are similar in that they can be injected, but are expensive, and are washed and reused, so we were concerned about the risk of contamination. For handling biological samples such as blood, the disposable Slit Seal has no risk of contamination at all, resulting in cost reduction.

Extra information: There are other uses ... *When Slit Seal can also be used for culture!*





*Nano space(OSAKA SODA)
 *Prominence(Shimadzu Corporation)
 *ACQUITY UPLC(Waters)
 *PAL-HTC(CTC)
 *1100, 1200, 1290 series(Agilent Technologies) etc.

FAQ • Evaluation Datas

Size : W 80mmx L 122mm Material : PET,Silicon Operating temperature : -80°C~ 100°C

*The upper limit of the operating temperature is specified as 100°C, and this is clarified by the evaluation test carried at 100°C for 30 minutes.

Catalog Code : RSS-S96-80122 Quantity : 100 sheets / box
 RSS-S96-1 O Quantity : 10 sheets / box

Sterilized RAPID Slit Seal

Catalog Code : RSS-S96-10-S Quantity : 10 sheets / box

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