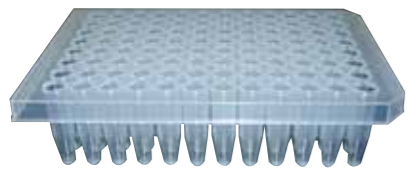


Optimum for "metabolic stability test" and "medium-volume auto sampling"!

RAPID Tube Plate 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>



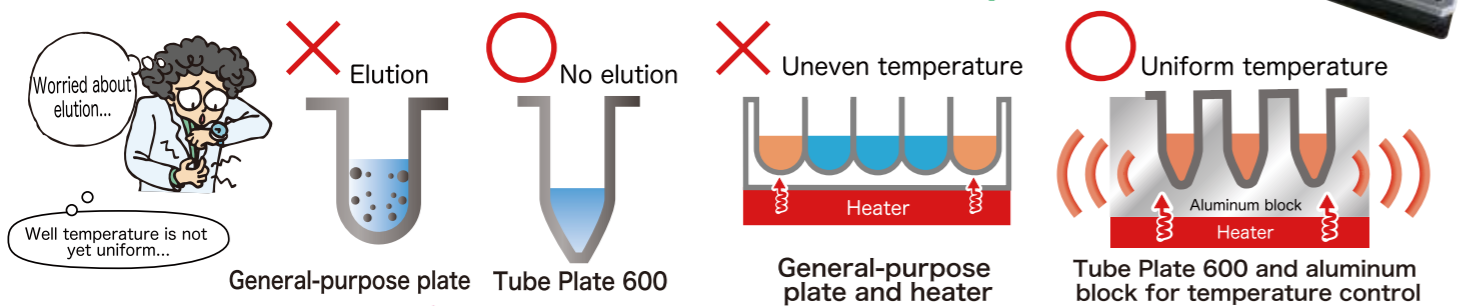
Aluminum Block



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.



No effect on metabolic reactions! **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."

Bad

"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." **Good**

Improved reproducibility!

Applications

Metabolic Stability Assay

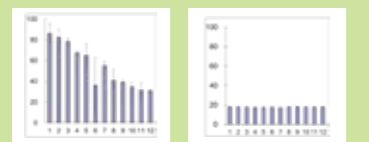
Cryopreservation of samples

Automated Sampling

Tube Plate 600 Search



FAQ · Evaluation Datas



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

■ Distributor

■ Manufacturer

BioChromato

BioChromato, Inc.

1-12-19 Honcho, Fujisawa-City, Kanagawa, 251-0053 JAPAN
TEL:+81-466-23-8382 Fax:+81-466-23-8279
https://biochromato.com/ E-mail:oversea@bicr.co.jp



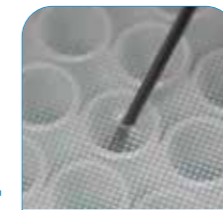
The plate seals developed from the voices of researchers

A plate seal perfect for safe sample storage!

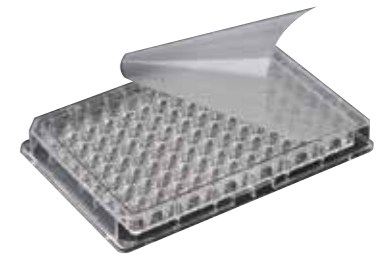
Organic solvent resistant

Storable at -80 degrees Celsius

High airtightness



Piercing OK



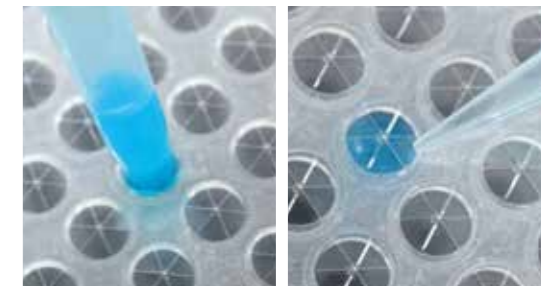
RAPID EPS

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



RAPID Slit Seal

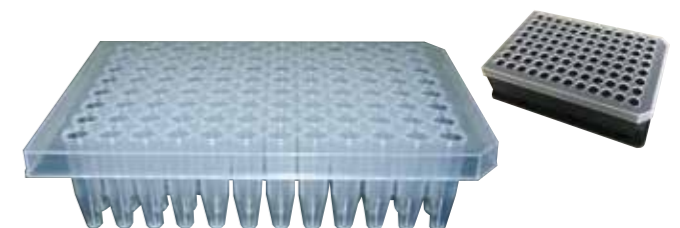
Reduces costs and cleaning labor arising from the use of silicone mats

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



RAPID Tube Plate 600

Free from RNase, DNase, and human DNA

Autoclavable

A plate seal perfect for safe sample storage!

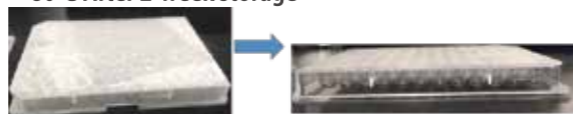
RAPID EPS



Features

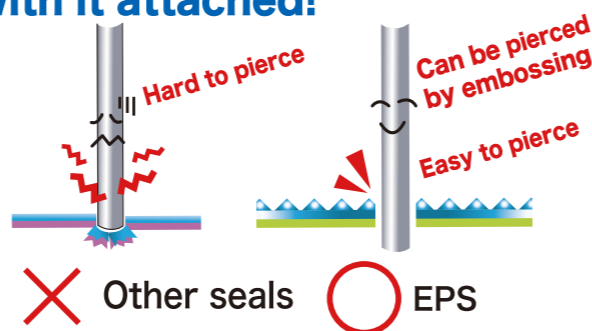
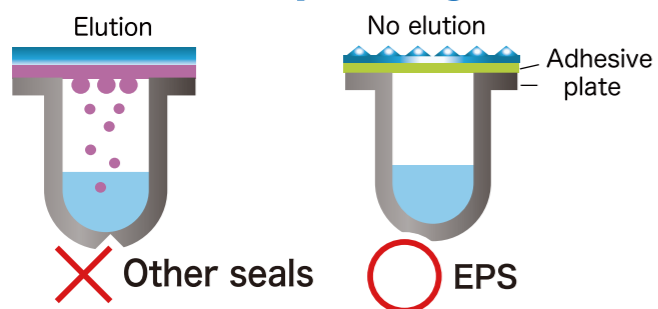
- No elution from adhesive. * Based on our evaluation in the elution test (High organic solvent resistance to DMSO, acetonitrile, methanol, etc.)
- Storable at -80 degrees Celsius
- High airtightness
- Easy to peel off
- Applicable to various plates- not only 96-well but also 48-well, 384-well, etc.

-80°C After 2-week storage



No peeling 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!

Bad

"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!

Good

"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."

Free from concerns about contamination!

Bad

"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

Switching from an aluminum heat seal was the right choice!

RAPID EPS Search



FAQ · Evaluation Datas

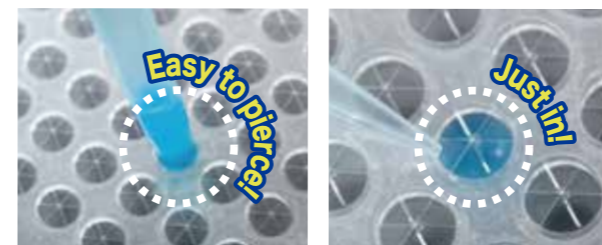
<Examples of compatible systems>

- *6400 Series Triple Quadrupole LC/MS System (Agilent Technologies)
- *Prominence SIL-20A (Shimadzu Corporation)
- *Nexera X2 SIL-30AC (Shimadzu Corporation) etc.

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

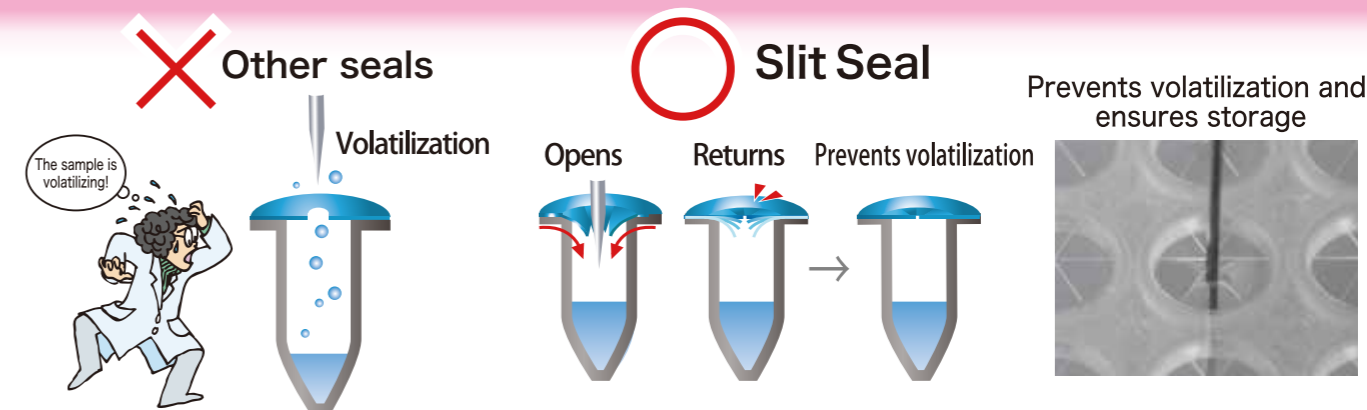
Seal that can prevent volatilization even when pierced with an autosampler!

RAPID Slit Seal



Features

- 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



Hassle-free!

Good

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.

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!

Silicon 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.

Click here for examples of cost improvement



Good

Extra information: There are other uses ...

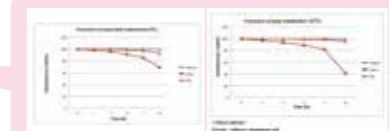
Whew, Slit Seal can also be used for culture!

Normally, a polymeric silicon stopper is used for a test tube. However, in the case of test tubes, about 400 tubes were required, which was troublesome because they took up space in the incubator. By using a seal with slits (cuts) for a 96-well plate, many samples can be easily cultured.



Good

RAPID Slit Seal Search



FAQ · Evaluation Datas

<Examples of compatible systems>

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

Size : W 80mm x 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-S96-10 Quantity : 10 sheets / box

Sterilized RAPID Slit Seal

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