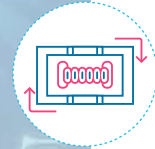
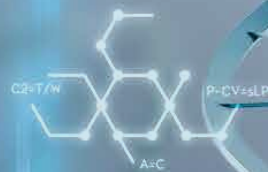
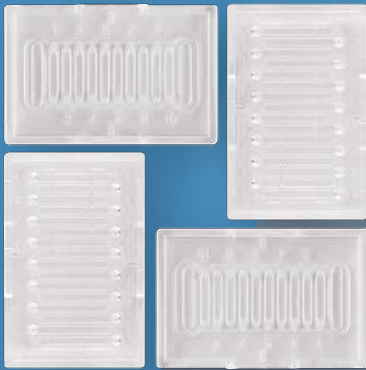


Rapi:chip™ and Rapi:chip/16™ PCR Chip for genechecker

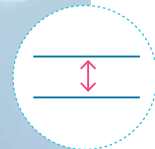
New sample format makes HUGE difference.



The heat is efficiently delivered due to the wide flat shaped chamber where the samples are loaded.



Well volume is 10 µl only, which helps faster heating and cooling



Bottom surface of chip is made of thin film for efficient heat transfer.



Contamination free and transformation free.



Two types of PCR chip Width for real-time analysis and thermal cycling.

New PCR concept was born when precision molding technology met film bonding know-how.

The key for achieving **ultra fast** gene amplification is rapid heating and cooling of the sample. **Rapi:chip™** was developed from understanding of the challenges in routine PCR tasks. PCR duration could be dramatically reduced when efficient heat transfer is made during thermal cycling process. Genesystem's own technology of manufacturing precise 3-dimensional polymer chips leveraged by its film bonding know-how created new sample format, **Rapi:chip™** for PCR applications. Sample is loaded into wide flat wells in the chip with the volume of 10 µl. Bottom surface of **Rapi:chip™** which is in tight contact with heat block is made of thin film so that efficient heat transfer from heat block to the sample in the chip is facilitated. As a certified manufacturer, Genesystem is manufacturing all **Rapi:chip™** line of products in accordance with GMP guidelines.

Two types of PCR chip are supplied for real time analysis and thermal cycling.

Rapi:chip™ is supplied in two formats. Standard version of chip has 10 wells and the top of each well is open for real-time analysis of fluorescence signal. **Rapi:chip/16™** is a new version which can accommodate 16 samples in it and is ideal for amplifying more samples at once.

MORE ABOUT Rapi:chip™

1 5 Wings

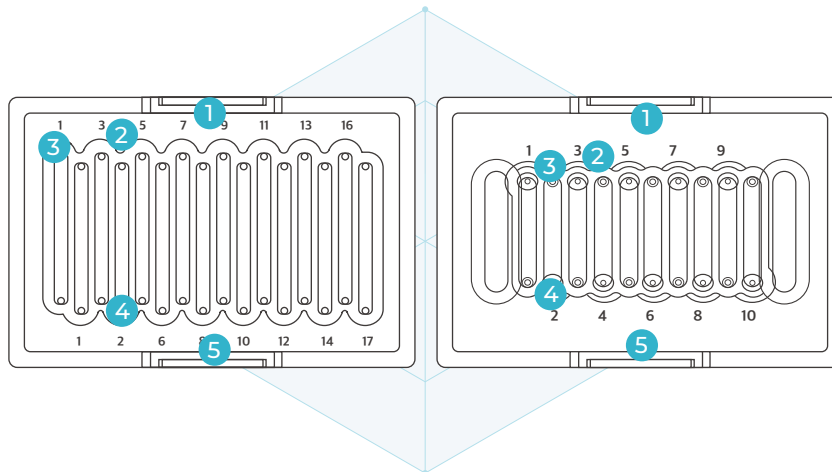
These parts are used for easy handling with fingers or tweezers.

2 Printed Well Numbers

Well numbers are printed on the upper surface of chip for easy identification.

3 4 Apertures

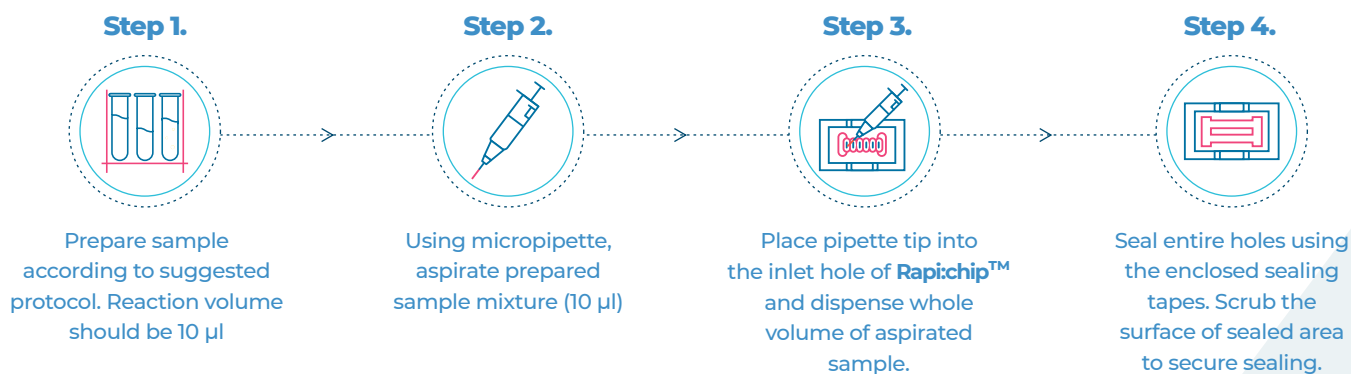
Pipette tip fits in these apertures so that sample and reagent could be loaded or collected easily.



SPECIFICATION

- Size (W x D x H)	38mm x 25mm x 6mm
- Weight	2.12g
- Number of Wells	10 wells for Real-time PCR Systems and 16 wells for only Model UF-100
- Volume of Each Well	10 µl
- Aperture Diameter	∅ 0.6mm
- Channel Height	0.7 mm
- Channel Length	9.9 mm
- Channel Width	1.5 mm
- Material	PMMA
- Transparency	More than 95%

HOW TO LOAD SAMPLES



ORDERING INFORMATION

Catalog No.	Product	Pack Size
9699100100	Rapi:chip™ PCR Chip for Real-time PCR Systems, Standard Pack	48/PK
9699100101	Rapi:chip™ PCR Chip for Real-time PCR Systems, Medium Pack	384/PK
9699100102	Rapi:chip™ PCR Chip for Real-time PCR Systems, Large Pack	768/PK
9699100200	Rapi:chip/16™ PCR Chip GENECHECKER UF-100, Standard Pack	48/PK
9699100201	Rapi:chip/16™ PCR Chip GENECHECKER UF-100, Medium Pack	384/PK
9699100202	Rapi:chip/16™ PCR Chip GENECHECKER UF-100, Large Pack	768/PK

Genesystem Co., Ltd.