

PCR Plastics

Made in Japan



FastGene PCR Plastics - Made in Japan

NIPPON GENETICS is proud to introduce plastic tubes, strips and lids, specifically designed for PCR experiments. All products are made of virgin polypropylene and will not bind enzymes.

Because of a very unique manufacturing process it is possible to obtain extreme thin walls but very robust performance at a ultrahigh reproducibility. These unique properties of the polymeric material lead to the fact that the tubes and strips will allow a very good contact in almost all available heating blocks.

Due to the thin walls there will be a very fast and homogenous heat transfer from the heating block to the sample.

All tubes and strips, provided by NIPPON GENETICS EUROPE GmbH; are precision injection moulded, manufactured under very stringent conditions using a Clean Room and are therefore free of RNase, DNase and human genomic DNA.

One of the problems happened in the past with PCR plastics, is the possible evaporation of samples. Therefore, the FastGene tubes were intensely tested, even under very stringent conditions (40 cycles; 10 µl volume - see backpage).

Another benefit is the fact that every tube has a frosted area as well as a unique letter printed on the surface (very useful, especially for domed cap version). Labeling is no problem (see backpage).

PCR Plastics

Made in Japan



Evaporation test:

PCR reactions were performed at a G-Storm GS-1 cyclor (Gene Technologies; UK). PCR samples were mixed with a coloured dye.

Sample volume : 10 µl

PCR conditions:

Initial denaturation: 95°C; 10 minutes
Cycles: 30 cycles
Denaturation: 94°C; 30 seconds
Annealing: 55°C; 30 seconds
Extension: 72°C; 60 seconds
Final extension: 72°C; 5 minutes



Every tube has a frosted area as well as a unique letter printed on the surface (very useful, especially for domed cap version). Labeling is no problem.

DISTRIBUTED BY



All PCR tubes and strips, provided by NIPPON GENETICS EUROPE GmbH, are precision injection moulded, manufactured under very stringent conditions using a Clean Room and therefore free of RNase, DNase and human genomic DNA.



Before PCR

After PCR



Before PCR

After PCR



PCR adhesive clear seal and 96 well plates. Please contact us, in order to get more information.

Cat. No.	Description	Content
FG-021D	0.2 ml individual PCR tubes, domed cap	1000 pcs.
FG-021F	0.2 ml individual PCR tubes, flat cap	1000 pcs.
FG-028	0.2 ml 8strips tubes only	120 pcs.
FG-008DC	8strips domed caps only	120 pcs
FG-008FC	8strips flat caps only	120 pcs
FG-088WD	0.2 ml 8strip tubes with domed caps	120 pcs
FG-088WF	0.2 ml 8strip tubes with flat caps	120 pcs
FG-016DC	0.2 ml 8strip tubes + domed caps	2 x 120 pcs.
FG-016FC	0.2 ml 8strip tubes + flat caps	2 x 120 pcs.
KJ135	PCR adhesive foils	100 pcs.