

PCR Tubes & Strips

Description	Cat No:
PCR 0.2ml eight tubes strip with attached caps	PTA-M-001-120
PCR 0.2ml eight tubes strip plus flat caps	PTF-M-001-120
PCR 0.2ml eight tubes strip plus domed caps	PTD-M-001-120
PCR 0.2ml single tube with attached domed cap	PTSD-M-001-1000
PCR 0.2ml Single tube with attached flat cap	PTSF-M-001-1000

MOLEQULE-ON®

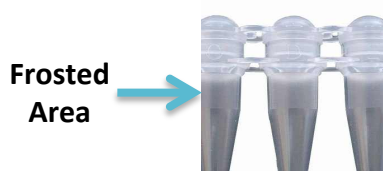
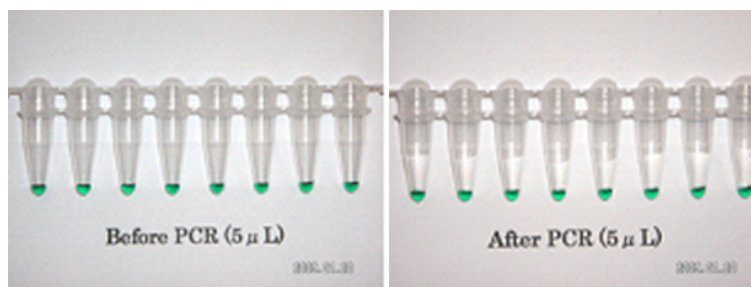
Description

The MOLEQULE-ON PCR plasticware is the outcome of fine Japanese craftsmanship. It is manufactured from virgin polypropylene and will not bind to the enzymes during the entire procedure. The PCR plastic tubes, single, eight tube strips and their caps including both domed and flat are specifically designed to obtain quality post PCR results. The manufacturing conditions are very stringent using a Clean room and therefore it is free of RNase, DNase and human genomic DNA.



The extremely thin walled tubes and stripes are obtained from highly precise and unique manufacturing process to get very robust performance at an ultrahigh reproducibility. The polymeric material of the tubes and strips facilitate them to have very good contact in the thermal blocks of nearly all available brands. The thin walls of the tube enable them for homogenous and very fast heat transfer from the heating block to the sample.

One of the most common problem using low-grade PCR tubes and caps is the evaporation of the sample in thermal cycler. This evaporation leads to the waste of sample and master mix and the cost of the master mix is usually double than the cost of tubes and caps. It is always recommended to use high quality PCR tubes. Therefore, the MOLEQULE-ON tubes were carefully tested, even under very stringent conditions (40 cycles; 10 µl volume).



Another advantage in using MOLEQULE-ON tubes is the frosted area provided on each tube to make labeling a stress-free work. Our dome capped strip version has a frosted area as well as a unique letter printed on the surface.