

Q&A (8-Strip PCR tube)

1. Characteristics of 8-Strip PCR tube products?

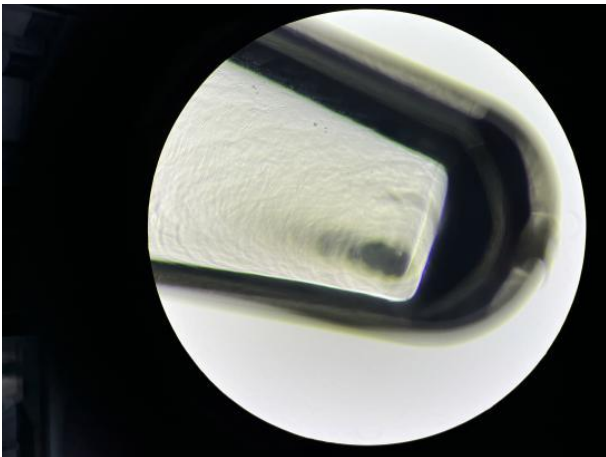
100000 class clean workshop, Dnase and Rnase, pyrogen are free, medical polypropylene material. Ultra-thin and uniform tube wall (0.15-0.35mm), faster and more accurate heat conduction, accurate temperature control. The fluorescence value was more than 130 000. It is suitable for real-time fluorescence quantitative PCR and general PCR and reverse transcription experiment consumables.

2. What is the wall thickness of 8-Strip PCR tube?

The wall thickness of our 8-Strip PCR tube is 0.15-0.35mm, which can ensure uniform thermal conduction during the PCR cycle, high thermal conduction efficiency, and good PCR experiment effect.

3. How about the transmittance of 8-Strip PCR tube?

When the experiment was examined under 40 × magnification, the surface of the 8-Strip PCR tube of samples was smooth, the light penetrated evenly, and there was no light and dark altercountry.



8-Strip PCR tube smooth test: smooth, smooth, good light transmission

4. How about the seal of 8-Strip PCR tube?

We carried out the sealing test. After 100 μ l of the reaction system was placed at 90 $^{\circ}$ C for 1h, the residual amount of the reaction system was measured, and the liquid evaporation was only 2%, which proved that the eight-tube had excellent sealing, which could ensure the reduction of system evaporation in the PCR process, and the results were accurate.

5. There are several types of 8-Strip PCR tube, how to choose?

The eight tubes were divided into milky white and transparent, and the selection method was the same as that of the well plate, according to the fluorescence signal acquisition mode of the PCR instrument. The size of the 8-Strip PCR tube is 0.1ml(short tube) and 0.2ml(high tube), which is determined according to the heating module volume of the PCR instrument.

Q&A (PCR plate)

1. Product classification of PCR plate?

PakGent PCR plates were available in clear and white forms and were divided into two sizes, 0.1ml and 0.2ml.

2. How to choose transparent PCR plate or white PCR plate?

If you use an instrument that reads fluorescent signals on the top, then PakGent white PCR consumables are superior to transparent consumables, and the white PCR plate can effectively prevent signal interference between wells. In addition, white PCR consumables can more effectively read the fluorescence value of the signal, reduce the interference of background fluorescence, and have better stability. For the instrument that reads the fluorescence signal at the bottom, select clear PCR consumables. Therefore, how to choose PCR plate should be determined according to the type of instrument.

3. How to choose 0.1ml or 0.2ml PCR plate?

This requires reference to the model of the PCR instrument. Different brands and models match different PCR plates, which are generally described in the parameters or introduction of the instrument, and the instrument manufacturer can also be consulted.

4. Can PakGent's PCR plate match all models on the market?

PakGent is able to provide batch matching PCR plates for the vast majority of PCR machines on the market.
