



PCR Testing Report

MicronPlus pattern adhesive silicone mat and seal film were tested for PCR application, and they both proved to be ideal for this application.

Method:

The wells were filled with 50 microliters of 10%DMSO in water. The plates were covered with MicronPlus 6514-U, 10 mil Silicone Mat , and another set of plates were covered with MicronPlus product 2214-U, 2 mil PTFE film. The unit is a "PCR Express" manufactured by Hybaid.

35 cycles of:

1 min. @ 94 degree Celsius

30 sec. @ 50 degree Celsius

1 min. @ 72 degree Celsius

The process was finished with 5 minutes @ 72 degree Celsius, then held at 4 degree Celsius overnight.

Results:

MicronPlus pattern adhesive Silicone mat 6514-U and PTFE seal film 2214-U performed well without transfer of adhesive or loss of well contents. There was no cross contamination or evaporation.