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P R O D U C T I N S T R U C T I O N S H E E T

Well Identification Templates – set of four

Catalog #384TMP

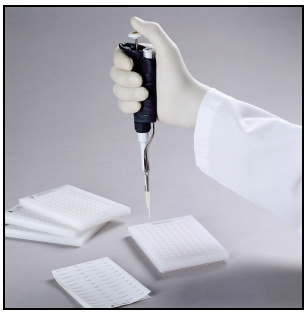

Figure 1: Using Well Identification Templates to Aspirate a Sample from a 384-Well PCR Tray

INTENDED USE

The well identification templates are designed for use with the Micro SSP™ 384 System DNA Typing Trays. They are used as a guide in the transfer of post-PCR product for each of four samples on a 384-well PCR tray. The 384 trays for which these templates were designed each contain 4 load positions. Samples are loaded on the tray before PCR. After PCR, the post-PCR products must be transferred to a gel for electrophoresis. Only the PCR products for one specific load position should be placed on a gel. Each of the templates corresponds to one of the four load positions (shown in figure 2 below). The template number is specified by 1, 2, 3, or 4 round indentations on the border of the template. Users may wish to mark the templates as required in their own laboratories. For speed and accuracy, we recommend the use of the 96-Well Transfer Device (OLI Cat.# TRNDV96); however, the templates may also be used with a single-channel pipettor, as shown above, or with a multi-channel pipettor.

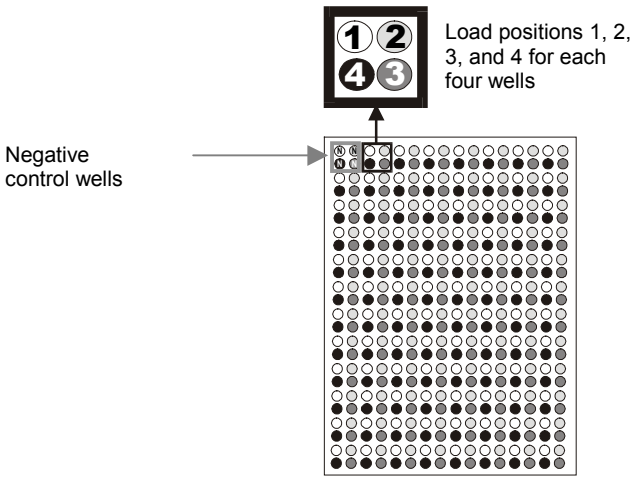

Figure 2: Test Format for 384-Well Micro SSP™ Tray

PROCEDURE

1. Perform PCR on a 384-well tray.
2. Place template 1 over the tray and transfer only those wells exposed by the template (a single load position) to a gel. Mark the gel according to the sample and load IDs.
3. Place template 2 over the tray and transfer only those wells exposed by the template (a single load position) to a gel. Mark the gel according to the sample and load IDs.
4. Place template 3 over the tray and transfer only those wells exposed by the template (a single load position) to a gel. Mark the gel according to the sample and load IDs.
5. Place template 4 over the tray and transfer only those wells exposed by the template (a single load position) to a gel. Mark the gel according to the sample and load IDs.
6. Perform electrophoresis.
7. Clean templates between trays according to the protocol used in your laboratory for removing DNA contaminants.