Tube Frame for 96-Well Reaction Module

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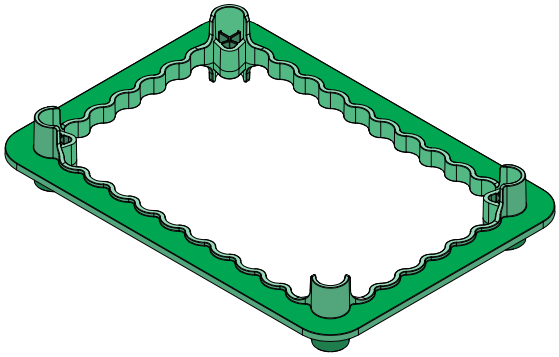

The tube frame is designed for use with 0.2 ml PCR tubes in the following instruments:

- PTC Tempo 96 Thermal Cycler
- CFX Opus 96 Real-Time PCR System
- CFX Duet Real-Time PCR System
- C1000 Touch Thermal Cycler with 96-Well Fast Reaction Module
- S1000 Thermal Cycler with 96-Well Fast Reaction Module

The tube frame is compatible with 0.2 ml PCR tubes with domed caps or flat caps. When correctly positioned, the tube frame prevents the heated lid from crushing the 0.2 ml PCR tubes and strip tubes.

Instructions

1. **Choose the proper tube frame orientation.**
   When using PCR tubes with domed or flat caps, ensure that the correct side is facing up. This is illustrated by the embossed images on each side of the tube frame.
2. **Position the tube frame.**
   Place the tube frame around the outside edge of the block. The positioning posts should not be inserted into the sample wells.
3. **Load samples.**
   Place the tubes into the block. Avoid positioning the tubes in direct contact with the tube frame. Tubes that are in direct contact with the tube frame may cause condensation, which leads to nonoptimal cycling results. Tubes may be loaded in any position on the reaction module as long as the tubes are not in direct contact with the tube frame.
4. **Close the heated lid.**
   - Close the heated lid and proceed with the steps shown on the user interface to program and start a run
   - For the C1000 Touch or S1000 Thermal Cycler with 96-Well Fast Reaction Module, release the inner heated lid. Use the adjustment knob to lower or raise the inner heated lid. Avoid overtightening the heated lid, which could result in damage to the tube frame or the heated lid. Close the heated lid and proceed with the steps shown on the user interface to program and start a run

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