

Thermocycler Programs

CustomPanel/ThemaPanel test

Program 1: Pre PCR.

Step 1: Reverse transcription.

Step 1a: RNA denaturation and hexamer hybridization.

- Heated lid: 95°C
- 2 Minutes 80°C
- 5 Minutes 37°C
- 4°C Infinite

Step 1b: Reverse transcription of RNAs to cDNA.

- Heated lid: 95°C
- 15 Minutes 37°C
- 2 Minutes 98°C
- 4°C Infinite

Step 2: Hybridization of probes.

- Heated lid: 95°C
- 2 Minutes 95°C
- 60°C Infinite (1hr of hybridization)

Step 3: Ligation.

- Heated lid: 95°C
- 54°C Infinity (distribution of ligation mix)
- 15 minutes 54°C
- 5 minutes 98°C
- 4°C Infinite

Program 2: PCR.

- Heated lid: 95°C
- 6 minutes 94°C
- 35 x (30 seconds 94°C ; 30 seconds 58°C ; 30 seconds 72°C)
- 4 minutes 72°C
- 4°C Infinite