

Thermocycler Programs

SarcomaFusion test

Program 1: Pre-PCR.

Step 1: Reverse transcription.

Step 1: Reverse transcription of RNAs to cDNA

- Heated lid: 95°C
- 10 Minutes 25°C
- 60 Minutes 42°C
- 5 Minutes 85°C
- 4°C infinite

Step 2: Hybridization of probes.

- Heated lid: 95°C
- 2 Minutes 95°C
- 60°C infinite (1h of hybridization)

Step 3: Ligation.

- Heated lid: 95°C
- 54°C infinite (distribution of the 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