



DNA Engine Thermal Cycler from BioRad

1. Introduction

A DNA Thermal Cycler PTC200 machine located at the main laboratory of IBEC at the Hèlix building is available for use by all IBEC researchers.



Some technical specifications:

- Single-block that could be used with 96×0.2 ml tubes, 0.2 ml tube strips or one 96-well microplate.
- Working temperature range between -5°C and 105°C, but no more than 30°C below ambient temperature.

Applications and uses:

- Nucleic acid amplification (PCR)

To find out more information about the DNA Thermal Cycler PTC200 machine please visit the Bio-Rad website at www.bio-rad.com.

2. User Pre-requisites

- Only IBEC researchers can use the DNA Thermal Cycler PTC200 machine.

3. Reservations

- To access the instrument, you have to book it previously using the online booking application.
- If you are 30 minutes late after the start of the booking-time the whole reservation is considered cancelled and the equipment is available to everybody.
- Appointments that cannot be held must be cancelled as early as possible in order to free up the slots for other users.



4. Usage Rules

- Wear powder-free gloves and change them frequently to help prevent contamination of the sample with epithelial cells from the hands.
- Prepare samples away from the thermal cycler machine.
- Once finished your experiment, leave the area around the machine cleaned and the thermal cycler block empty.

5. General

- If you have any problems with the DNA Thermal Cycler machine, please report them to the Core Facilities Unit at corefacilities@ibecbarcelona.eu.