

User guide for ABI 7500 Fast Real-Time PCR System

❖ General rules for reserving ABI 7500 Fast Real-Time PCR System

➤ Operating Hours

- **Regular Hours:** Monday to Friday, 8:30 AM – 5:30 PM
- **After-Hours Use:** Not typically permitted. In exceptional circumstances, requests must be submitted via email to Dr. Weiyi Peng (wpeng2@central.uh.edu) or Dr. Jiakai Hou (jhou21@central.uh.edu) at least 48 hours in advance for approval.

➤ Reservation Policy

- Reservations are managed on a “First Come, First Served” basis.

➤ Billing policy

- Time will be billed in 0.5-hour increments:
 - Usage < 0.5 hour will be rounded up to 0.5 hour
 - Usage between 0.5 hour and 1 hour will be rounded up to 1 hour.
- Billing will be based on the reserved time slot,
 - Actual usage time will be adjusted post-session to reflect the accurate duration used.

➤ Cancellation Policy

- Cancellations must be made at least 24 hours in advance.

➤ Late Start,

- Please respect the scheduled time of other users and make every effort to adhere to your reservation.
- If you are delayed by more than 30 minutes, you must email Dr. Jiakai Hou (jhou21@central.uh.edu) to confirm and secure your reservation.
- If there is a delay of more than 30 minutes without prior notice, your reservation may be automatically canceled, and a 1-hour charge will be applied.

➤ Overrun

- Extension beyond your reserved time is only permitted if the system is available and does not conflict with the next scheduled user.
- Please check the schedule or consult facility staff before overrunning your session.

➤ **Sample preparation**

Please ensure that you use the correct 96-well plate compatible with the instrument.

Use of inappropriate plates may result in errors, equipment damage, or compromised data quality.

❖ **Important Notes:**

Report any equipment issues immediately to one of the points of contact listed below.

➤ **Unassisted Use (Independent Access)**

1. Training Requirement:

All new users **MUST** complete training before using the equipment.

2. Access Granted:

Approved users will be added to the **CNRCS QPCR machine** and allowed to reserve time on the qPCR machines.

3. Reservations:

Reservations must be made online through **Microsoft Bookings**.

Points of Contact:

Dr. Weiyi Peng
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Dr. Jiakai Hou
832-946-8402
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