

LSOP Title	Using the centrifuge
LSOP No.	LSOP45
Version	1.1
Location	UQ Node/Centre-wide
Policy/Procedure Link	<a href="#">UQ- Equipment</a>
Risk Assessments	
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## 1.0 Scope

To outline the use of the centrifuge including balancing and maintaining the equipment

## 2.0 Prescribed Actions

- Choose the appropriate rotor, place it in the centrifuge and change the rotor number in the settings.
- Place your tubes and make sure the centrifuge is balanced.
  - Avoid having more than 2 grams of difference between the two sides of the balances.

- Place the rotor lid and close the centrifuge lid.
- Set up the speed, time and temperature (when this option is available).

*NB: You have sometime the possibility of adjusting the acceleration and deceleration for sensitive assays (protoplasting, nuclei extraction, RNA/DNA extraction with columns)*

- Press start and wait until it reaches full speed to make sure everything is working properly.

**LABORATORY STANDARD OPERATING PROCEDURE (LSOP)**

ARC COE for Plant Success in Nature and Agriculture: *Centrifuge*

*Use*

*NB: A weird noise is often sign of improper balancing or that the rotor lid has been forgotten.*

- After use, make sure no liquid, tube pieces and sample debris are left in the cuve and the rotor slots.
- If you have used cool centrifuge, let it defrost and wipe the remaining water
- Always leave the lid open after use.