

SAFE OPERATING PROCEDURE (WATER BATH N 308, N533)

LOCATION DETAILS

School/Branch: School Medical Sciences, Pharmacology N533

SAFE OPERATING PROCEDURE DETAILS

Task/activity (including specify particular equipment, substance) Water Bath Usage / Cleaning, Clinical Pharmacogenomics Lab. N 308, Path., N533	Date prepared: 19/8/2008
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PREPARED BY Name, Position and Signature (insert names of the supervisor, HSR, HSO and operator involved)

Name	Position	Signature
Dr Janet Coller	FTT Fricker Research Fellow	
Kenchanya Dharmapatni	Res Assistant	

RISK ASSESSMENT

Has a risk assessment been completed and have all other environmental considerations been made? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	See Risk Assessment dated: / /	Risk Rating: <input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/> Very High
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Procedure (Include control measures listed in risk assessment within the procedure):

The following safety precautions must be adhered to:

- Laboratory coat must be worn at all times.
- Nitrile gloves must be worn when cleaning.
- This equipment must be checked for in date electrical safety tags, do not use if out of date and inform Dr J Coller immediately.

Procedure:

YOU MUST BE TRAINED PRIOR TO PERFORMING THIS PROCEDURE. ONLY MILLIQ WATER IS TO BE USED TO TOP UP WATER LEVELS AND FOR CLEANING/REFILLING. YOU MUST READ THE MSDS FOR PYRONEG BEFORE ATTEMPTING THIS PROCEDURE FOR THE FIRST TIME.

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1. This water bath is to remain at 37°C at all times.
2. In order to heat solutions to this temperature simply turn on the green switch on the front panel of the water bath once you have ensured that there is sufficient water in the bath to adequately cover heating elements and shaker tray.
3. The water bath requires routine cleaning/maintenance every 6-8 weeks which involves the following:
 - Move onto the sink shelf and drain water out through tap valve on side of water bath.
 - Once drained, remove shaker tray and refill with water until heating elements are covered, and add pyroneg detergent to clean. Lightly brush debris from heating elements, sides and lid of water bath with bottle brush then drain soapy water away. Also clean shaker tray with brush and detergent.
 - Refill and drain to remove trace detergent then replace shaker tray and refill with clean MilliQ water.
 - Turn water bath on and monitor temperature for at least one hour to ensure that it reaches and stays at 37°C.
 - Once finished monitoring the temperature, make sure the bath is switched off.

If you are the last person to leave the laboratory in the afternoon, you must check that the water bath is switched off unless an overnight incubation is being performed which is indicated with a sign attached to the bath.

Contact person for this SOP: Dr J Coller, Rm N502, ext 33906

Or Dr Kenchanya Dharmapatni. Rm N308, ext 35986

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Note: This Safe Operating Procedure must be reviewed :

- a) after any accident, incident or near miss;
- b) when training new staff;
- c) if adopted by new work group;
- d) if equipment, substances or processes change; or
- e) within 5 years of date of issue.