



**LOCATION DETAILS**

**School/Branch:** School of Molecular & Biomedical Science

**REFERENCE DOCUMENTS**

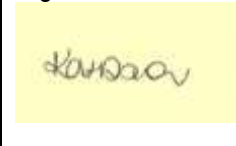
Risk Assessment – Resuspending Pellets using Glass Pipette 23.08.10

Date Prepared:  
31/08/2010

**PREPARED BY:** Name, position, & Signature (insert names of supervisor, HSO, subject matter expert)

Kate Dixon – Health & Safety Officer  
Alistair Standish – Laboratory Technician  
Doug Pottrell – School Manager

Signature:



**RISK ASSESSMENT**

<p>Has a risk assessment been completed and all other environmental considerations been made? <b>YES</b></p>	<p>See risk assessment dated:  23/08/2010</p>	<p>Risk Rating: Low Medium High Very High</p>
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**RISKS IDENTIFIED**

- Cuts/lacerations should pipettes break
- Exposure to biological agents
- Manual Handling injuries from repetitive pipetting

**SAFETY PRECAUTIONS**

The following control measures **MUST** be adhered to:

- Informal training must be provided by an experienced person prior to completing this activity
- Safe Operating Procedures must be followed at all times
- Care must always be taken when using glass pipettes
- Always check the condition of the pipette before using

**PERSONAL PROTECTIVE EQUIPMENT REQUIRED**

The following PPE must be worn at all times:

- Safety Glasses
- Latex Gloves
- Lab Coat

**SAFE OPERATING PROCEDURE**

1. Put on safety glasses, gloves and lab coat.
2. Remove a glass pipette from sterile packaging and install into the 'Pipetboy'.
3. Slowly pipette supernatant from above the bacterial pellet.
4. Pipette required volume of suspension medium into tube containing pellet.
5. Resuspend pellet by pipetting up and down using a 10ml tube attached to a 'Pipetboy' until the pellet is completely resuspended into the liquid forming a homogenous solution.

6. Carefully remove the pipette and place in waste container for autoclaving.

#### **ADMINISTRATION**

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 a new work group;
- d) if equipment, substances or processes change; or
- e) within 5 years of date of issue.