



General Risk Assessment

Form RA1

School Assessment No:	R(D)SVS/The Roslin Institute
Title of Activity:	Flu Lab
Location of Work:	
Date:	
Overview of workshop: Students will use micropipettes to help them preform a <u>mock</u> diagnostic test. The hands-on workshop will cover some of the science behind flu diagnosis and how vaccines work. The pupils will have opportunities to speak with and interact with professional scientists that are working together on a global level to understand how infection diseases effect livestock.	
Workshop outline <ul style="list-style-type: none">• Introduction to flu• Introduction to micropipettes• Colour change assay• Assess and interpret experimental results• Discussion with professional scientists that work to understand how infectious disease effect livestock and how to prevent the, about their work and career path	
Note: All waste generated will be taken away and disposed of at The Roslin Institute in accordance with their waste disposal policy.	

Hazard Identification:

Hazard(s)	Present Risk Evaluation L/M/H	Control Measures (i.e. alternative work methods / mechanical aids / engineering controls etc.)	Risk Evaluation after control L/M/H
Slips and trips: Items left in walkways, liquid spills	M	No electrical wires or other items will be placed across walkways. Tube racks will be used to minimise the risk of spills. Any liquid spills will be cleaned up immediately. Stools will be stacked or pushed under tables when not in use. Students will be instructed to stand during laboratory work.	L
Electrical hazards: Projector	L	All electrical equipment will undergo a visual inspection before use. All electrical equipment will be PAT tested (or equivalent) annually. Participants will not be permitted to touch the projector or computer.	L
Mild skin and eye irritation: Litmus solution 1%, lemon juice	L	Chemicals involved are not hazardous but could cause minor discomfort if swallowed or splashed into eyes. Participants will wear lab coats and nitrile gloves throughout the practical work and eye protection when appropriate. Small quantities of these reagents will be used at any one time Any spills will be cleaned up immediately.	L

		Specific containers for the used pipettes to be placed in to and all pipettes and tips will be disposed of in biohazard bags or equivalent waste bag in accordance The Roslin Institute's waste disposal policy	
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Engineering Controls: none required

Personal Protective Equipment (PPE):

Eye / Face	x	Hand /Arm	x	Feet / Legs		Respiratory	
Body (clothing)	x	Hearing		Other (Specify)			
Specify the grade(s) of PPE to be worn: Safety glasses and lab coats, disposable nitrile gloves.							
Specify when during the activity the item(s) of PPE must be worn: Lab coats at all times during workshops, gloves and safety glasses as required during all practical activity.							

Non-disposable items of PPE must be inspected regularly and records retained for inspection

Persons at Risk:

Academic staff	x	Technical staff	X	P'Grad students	x	U'Grad students	x
Maintenance staff		Office staff	x	Cleaning staff		Emergency personnel	
Contractors		Visitors	x	Others			

Additional Information:

<p>All demonstrators will receive training, including all health and safety aspects, before taking part in the workshops.</p> <p>School groups taking part in the workshop will be accompanied by a teacher/other responsible adult at all times.</p>
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Assessment carried out by:

Name:		Date:	
Signature:			