



## General Risk Assessment

### Form RA1

(Refer to Notes for Guidance before completing this form)

<b>School Assessment No:</b>	R(D)SVS/The Roslin Institute
<b>Title of Activity:</b>	DNA Detectives (001)
<b>Location(s), Date and Time of Work:</b>	
<b>Brief Description of Work:</b>	
<p>DNA Detectives aims at helping the public understand genome sequencing and its use in identifying illness. Participants will assemble the DNA fragments in the right order using beads on string to identify the cause of illness.</p>	

#### Hazard Identification:

<b>Hazard(s)</b>	<b>Present Risk Evaluation</b> L/M/H	<b>Control Measures</b> (i.e. alternative work methods / mechanical aids / engineering controls etc.)	<b>Risk Evaluation after control</b> L/M/H
Beads: choking hazard to young children if removed from the strings	M	Make sure beads are secured on the string. Children will be supervised at all time. Use of big beads to limit choking hazard.	L
Slipping/tripping hazard: DNA fragments can be slippery if on the floor	L	Clean up as soon as something falls on the floor.	L
Biological agents: tissue culture in the flask is not for consumption.  Plaque assay must not be opened	M	Ensure participants have no contact with biological agents. Children will be supervised at all times. Contact with biological agents will be limited and risk assessed for each activity.	L

**Engineering Controls:** none required

Guarding		Extraction (LEV)		Interlocks		Enclosure	
Other relevant information (incl. testing frequency if appropriate):							

**Personal Protective Equipment (PPE):** Not required

Eye / Face		Hand /Arm		Feet / Legs		Respiratory	
Body (clothing)		Hearing		Other (Specify)			
Specify the grade(s) of PPE to be worn: n/a							
Specify when during the activity the item(s) of PPE must be worn: n/a							

**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	
Maintenance staff		Office staff	x	Cleaning staff		Emergency personnel	
Contractors		Visitors	x	Others			

**Additional Information:** Identify any additional information relevant to the activity, including supervision, training requirements, special emergency procedures, requirement for health surveillance etc.

All staff and students will receive training, including H&S aspects, before running the activities for the public.

Children taking part in the activities will be accompanied by a responsible adult at all times.

**Assessment carried out by:**

Name:		Date:	
Signature:		Review Date:	