



# Lateral Flow Device testing Risk Assessment

Assessment Date	August 2021	Lead Assessor	Mark Eastwood	Contract		Assessment Number	
<b>Activity / Task</b> Lateral flow testing							
<b>Description of task / process / environment being assessed</b>	General and clinical activities on the asymptomatic testing site at Downham Market Academy						
<b>Activities Involved</b>	Testing students					<b>Location</b>	Bexwell Road Downham Market Norfolk PE38 9LL
<b>Who Might be affected</b>	Staff and students						

**Hazard Identification and evaluation**



No	Hazards	Associated risks	Current Control/ Mitigation Measures	Risk Evaluation (post measures) Probability Severity Risk	Additional control needed? Action No

1	Contact between subjects increasing the risk of transmission of COVID19	Transmission of the virus leading to ill health or potential death	<ul style="list-style-type: none"> <li>• <b>Asymptomatic:</b> All subjects are to be advised in advance not to attend if they have any symptoms of COVID 19, or live with someone who is showing symptoms of COVID 19 (including a fever and/or new persistent cough) or if they have returned within 14 days from a part of the world affected by the virus or have been in close contact with someone who is displaying symptoms.</li> <li>• <b>Face masks:</b> are not required</li> <li>• <b>Hand hygiene:</b> All subjects to use hand sanitiser provided on arrival &amp; adherence to this enforced by reception staff.</li> <li>• <b>Social distancing:</b> not required</li> <li>• <b>Cleaning:</b> Regular cleaning of the site including wipe down of all potential touchpoints in accordance with PHE guidance.</li> </ul>	1	4	4	
2	Contact between subject and sampler increasing the transmission of COVID19: <u>Sample taking</u>	Transmission of the virus leading to ill health or potential death	Testing assistants will wear appropriate PPE: face mask & gloves Subjects will complete their own swab with advice from the test assistants – diagrams are available to support and mirrors provided. Test assistants will not need to swab the subject – we know that all subjects are able to swab themselves	1	4	4	
3	Contact between samples and sample testers increasing the transmission of COVID19: <u>Sample processing &amp; analysis.</u>	Transmission of the virus leading to ill health or potential death	<b>Cleaning:</b> Regular cleaning of the site including wipe down of all potential touchpoints in accordance with PHE guidance. Processing staff will wear appropriate PPE: face mask, gloves, apron and visor. Gloves will be changed and hands sanitised after each sample	1	4	4	

4	Incorrect result communication	Wrong samples or miscoding of results	<ul style="list-style-type: none"> <li>A barcode will be placed next to student names by staff at the registration desk</li> <li>Students will be provided with an barcode that they will stick to the reverse side of their test cartridge</li> <li>When reporting results, barcodes will be matched by staff before scanning to the results spreadsheet for upload</li> </ul>	1	2	2	
5	Extraction solution which comes with the lab test kit contains the following components: $\text{Na}_2\text{HPO}_4$ (disodium hydrogen phosphate), $\text{NaH}_2\text{PO}_4$ (sodium phosphate monobasic), $\text{NaCl}$ (Sodium Chloride)	These components do not have any hazard labels associated with them, and the manufacturer states that there are no hazards anticipated under conditions of use as described in other product literature. This is the case for exposure to: eye, skin, inhalation, ingestion, chronic toxicity, reproductive and developmental toxicity, carcinogenicity, and medical conditions aggravated by exposure.		1	1	1	
6	Occupational illness or injury		See above for control measures to reduce risk of contact between subject, test sample and centre staff	1	4	4	
7	Manual handling		Not required – the test site is already set up with furniture in position New supplies have already been unpacked and staff will be able to move small boxes of new equipment easily	1	1	1	
8	Unauthorised access by members of the public		Site is secured by locked gates  All adults wear ID badges – anyone unknown to staff will be challenged	1	1	1	

9	Uneven surfaces (floor protection in the Testing and Welfare areas)		All floor surfaces have been checked and are flat	1	1	1	
10	Stairs to / from sample processing / registration area and welfare space		Not applicable	1	1	1	
11	Inclement weather		Testing site is indoors	1	1	1	
12	Electrical safety / plant & equipment maintenance  Defective electrical equipment		All items PAT tested as necessary	1	1	1	
13	Use of shared equipment		Each work station has it's own supply of equipment	1	1	1	
14	Incorrect result communication	Wrong samples or miscoding of results	<ul style="list-style-type: none"> <li>• 2 identical barcodes are provided to subject at check in</li> <li>• The subject registers their details to a unique ID barcode before conducting the test</li> </ul>	1	2	2	
15	Cleaning		<p>At the end of the session, all surfaces will be wiped down with appropriate chemicals according to PHE guidance</p> <p>At the end of the day, the whole room will be chemically "fogged" and left for at least 45 minutes for the chemicals to work before the room is accessed again</p>	1	2	2	

Control Improvements				
Action No	Recommended additional control measures	Responsibility	Target Date	Date completed
1	Content of the risk assessment to be communicated with all workers as part of induction	Covid Coordinator	01.09.2021	Ongoing

### Risk control strategies

**Intolerable** – stop activity, take immediate action to reduce the risk

**Substantial** - Take action within an agreed period

**Tolerable** – monitor the situation

**Trivial** – No action required

### Risk Evaluation

		Consequence of event occurring		
		Negligible	Minor	Moderate
Likelihood of event occurring (Probability)	Almost Certain	Tolerable 5	Substantial 10	Intolerable 15
	Likely	Tolerable 4	Substantial 8	Intolerable 12
	Possible	Trivial 3	Tolerable 6	Substantial 9
	Unlikely	Trivial 2	Tolerable 4	Tolerable 6
	Rare	Trivial 1	Trivial 2	Trivial 3

### Likelihood

**Rare**, will probably never happen/recur  
do not expect it to happen, but is possible  
Might happen

**Likely**, will probably happen

**Almost Certain**, will undoubtedly happen

### Severity

**Unlikely**, Negligible Minor  
**Possible**, Moderate Major  
Critical



**Declaration** - If the above control measures are implemented the risks posed by the task / process / environment assessed will be controlled to as low as is reasonably practicable.

Persons involved in assessment      Mark Eastwood

Signature of Lead Assessor	 Date 18.08.2020
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**Reviews** – this assessment should be reviewed at intervals no greater than 12 months or when there are changes in operational procedure, personnel, the work environment or following an incident

Review date	Comments	Reviewed by	Signature		Review date	Comments	Reviewed by	Signature

Health and Safety Risk Assessment Sign off Sheet	Assessment Number	
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