



Coronavirus (COVID-19) Lateral Flow Testing Risk Assessment

Activity being undertaken: General and clinical activities on the asymptomatic testing site at Barrow Hills and home test kits for staff and secondary age children

Public Health England and the Health and Safety Executive require this documentation to ensure end to end health, safety and infection control risks for mass lateral flow testing are identified, pre-assessed, managed and monitored regularly by the site owners and testing operators. The potential hazards may affect employees, test subjects (children, staff, contractors), visitors

The School COVID Coordinator is Mrs R Barraud, she can be contacted on rlb@barrowhills.org

To be read in conjunction with the following Risk Assessments

[Coronavirus Covid-19 - Risk Assessment from 1st March 2021](#)

[Manual Handling](#)

[Slips, Trips and Falls](#)

[COSHH](#)

[Mass asymptomatic testing](#)

What are the hazards?	Associated Risks?	What are you already doing?	What further action is necessary ?	Action by who?	Action by when?	Done
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"> Asymptomatic: 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. 	Ongoing monitoring	Everyone	Ongoing	

Contact between subjects and staff increasing the risk of transmission of COVID19 : <u>Welcome & registration</u>		<ul style="list-style-type: none"> • Face masks: Prominent signage reminding attending subjects of the above to be displayed at the entrance to the building. • Face coverings/masks to be worn by subjects at all times whilst on the premises except for brief lowering at time of swabbing. • Requirement to wear face covering/mask to be reminded to all subjects in advance at time of test booking. • Compliance with wearing of face covering/mask of all subjects to be visually checked on arrival by the reception desk • Compliance with wearing of face covering/mask of all subjects to be visually checked through building by staff manning the testing area. • Hand hygiene: All subjects to use hand sanitiser provided on arrival & adherence to this enforced by staff manning the testing area. • Social distancing: Two metre social distancing to be maintained between subjects to ensure compliance in addition to verbal reminders if necessary by staff manning the testing area.. • A one-way flow of subjects through the building is to be initiated and maintained at all times. Compliance with this is to be ensured by staff manning the testing area.. • Cleaning: Regular cleaning of the site including wipe down of all potential touchpoints in accordance with PHE guidance. • Limited clutter-chairs only on request; no physical handing of documents to subjects except barcodes and PCR test kits • Requirement for all test centre staff to wear the correct PPE and to follow the correct protocol for PPE 				
Contact between subject and sampler increasing the transmission of COVID19: <u>Sample taking</u>						
Contact between sample and test centre runner increasing the transmission of COVID19: <u>Sample transport</u>						
Contact between samples and sample testers increasing the transmission of						

COVID19: <u>Sample processing & analysis.</u>						
Contact between samples and sample testers increasing the transmission of COVID19: <u>Sample disposal and waste disposal</u>	Transmission of the virus leading to ill health or potential death		Ongoing monitoring	Everyone	Ongoing	
Incorrect result communication	Wrong samples or miscoding of results	<ul style="list-style-type: none"> • 2 identical barcodes are provided to subject at check in • The subject registers their details to a unique ID barcode before conducting the test • Barcodes are attached by trained staff at the sample collection bay Barcodes are checked for congruence at the analysis station and applied to Lateral Flow Device at this station	Ongoing monitoring	Everyone	Ongoing	
Damaged barcode, lost LFD, failed scan of barcode	Orphaned record on registration portal & No result communicated to individual	<ul style="list-style-type: none"> • Rule based recall of subjects who have not received a result within 2 hrs of registration • Subjects are called for a retest 	Ongoing monitoring	Everyone	Ongoing	
Extraction solution which comes with the	These components do not have	<ul style="list-style-type: none"> • PPE: nitrile gloves which meet the Regulation (EU) 2016/425 to be used at all times when handling the extraction solution. Safety glasses with side shields 	Ongoing monitoring	Everyone	Ongoing	

<p>lab test kit contains the following components: Na_2HPO_4 (disodium hydrogen phosphate), NaH_2PO_4 (sodium phosphate monobasic), NaCl (Sodium Chloride)</p>	<p>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.</p>	<p>which are tested and approved under appropriate government standards to be worn at all times when handling the extraction solution. Impervious clothing to be worn to protect the body from splashes or spillages.</p> <ul style="list-style-type: none"> • Environmental: do not let product enter drains • Spillages: wipe surfaces which the solution has been spilt on and dispose of cleaning material in line with the lab's waste disposal procedures • Do not use if the solution has expired • Training to be provided in handling potentially biohazardous samples, chemicals and good lab practice. Adhere to guidelines in these training procedures to prevent improper handling. • Follow procedures on the MSDS form provided by Innova to mitigate against inhalation, skin contact or ingestion of these chemicals. 				
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Occupational illness or injury	Staff exhibiting / feeling effects that may indicate COVID 19 is present.	<ul style="list-style-type: none"> Staff training and information provided Staff to isolate and remove themselves from the test centre immediately and request a test. 				
Unauthorised access by members of the public	Members of the public unfamiliar with the environment.	<ul style="list-style-type: none"> Only authorised access permitted to the building Reception manned at all times Only persons on the registration list to enter, ID checked if necessary 	Ongoing monitoring	Everyone	Ongoing	
Electrical safety / plant & equipment maintenance Defective electrical equipment	Failure of equipment due to poor maintenance Electric shock from faulty equipment	<ul style="list-style-type: none"> All equipment in the sports hall is either within twelve months of purchase or has an in-date PAT certificate/test label. 	Ongoing monitoring	Everyone	Ongoing	
Use of shared equipment	Cross contamination of equipment increasing the possibility of COVID transference	<ul style="list-style-type: none"> There is to be no shared equipment. Where tables/chairs etc. have been used by other persons, they are to be disinfected between users. 	Ongoing monitoring	Everyone	Ongoing	

Test subjects unfamiliar with surroundings	Test subjects crossing into sterile areas	<ul style="list-style-type: none"> Individual guidance provided from test station staff. Signage to provide direction. 	Ongoing monitoring	Everyone	Ongoing	
Incorrect use of the home testing kits	Transmission of the virus leading to ill health or potential death plus wrong samples or miscoding	<ul style="list-style-type: none"> The kit comes with comprehensive instructions on all aspects of the process. These instructions must be followed precisely to avoid false positive/negative results. Do not use if expiry date is passed. 	Ongoing monitoring	Schools Covid Coordinator or will advise staff of instructions	Ongoing	
Positive result after taking test	Staff not isolating and taking PCR test after a positive LF test causing spread of the virus	<ul style="list-style-type: none"> If a member of staff records a positive test, they must isolate and arrange a polymerase chain reaction (PCR) test to confirm the result. Members of staff must let the school know of all results after taking a LFD test. 	Ongoing monitoring	Schools Covid Coordinator or will advise staff of isolation protocols	Ongoing	
Negative result	Staff testing negative becoming complacent	<ul style="list-style-type: none"> Staff with a negative LFD test result can continue to attend school or nursery and use protective measures. Schools Covid Coordinator to advise staff to remain vigilant in the event of negative test Staff to be reminded to continue to follow government guidelines, even with a negative test result 	Ongoing monitoring	Schools Covid Coordinator or to advise staff to remain vigilant in the event of	Ongoing	

				negative test		
Disposal of used home testing kits	Members of staff not disposing of test kits correctly, causing spreading of virus.	<ul style="list-style-type: none"> Used kits should be carefully disposed of in household rubbish. Note that disposal advice may be subject to change based upon future waste disposal guidance. 	Ongoing monitoring	Schools Covid Coordinator or will advise staff of instructions	Ongoing	
Misuse of home tests	Non school staff using test kits, resulting in shortage of tests or injury	<ul style="list-style-type: none"> Staff will be informed that the tests must only be used by the person that they were allocated to. Record kept of all results so number of kits used can be monitored 	Ongoing monitoring	Schools Covid Coordinator or to advise staff	Ongoing	

Compiled by Rachel Barraud - Operations Manager

Agreed as suitable, sufficient and fit for purpose

Date 19 April 2021

This Risk Assessment MUST be reviewed within one year of the date above or earlier if significant changes take place