Health Technology Review	
Technology Ref:	**HTA21006**
Technology Name:	**Abbott ID NOW COVID-19 Testing**
Approvals by International Bodies:	**FDA approved for emergency use**
Company name:	**Abu Dhabi Public Health Centre**
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Short Description of the Technology:	ID NOW COVID-19 is a qualitative detection of nucleic acid from the SARS-CoV-2 virus in direct nasal, nasopharyngeal or throat swabs from individuals who are suspected of COVID-19 by their healthcare provider within the first seven days of the onset of symptoms. The ID NOW Instrument has a small footprint and easy to use graphical user interface for convenience within a busy hospital or near patient testing environments.

Health Technology Assessment Team Recommendation:	**Approved with limitation**

Summary of Review:

Abbott ID NOW COVID-19 Testing has been validated using nasal swab in National Reference Laboratory (NRL) in Abu Dhabi for its accuracy, sensitivity and specificity by comparing it against the conventional PCR showing the overall agreements acceptance of 97.6%. The testing is FDA approved for emergency use of this test which is limited to the authorized laboratories.

Advantages	Disadvantages
Rapid test (result obtained in only 13 minutes or less)	Testing should be limited due to the FDA approval on the emergency use.
Point of care device	There is a smaller possibility that this test can give a false positive result particularly when used in a population without many cases of COVID-19 infection.
Excellent sensitivity (92.1%) and specificity (99.2%) as per the validation result at NRL. (P.S. As per Abbott: Data show ID NOW performance of 95.0% sensitivity and 97.9% specificity within seven days of symptom onset	It is possible for this test to give a false negative result in some people with COVID-19 especially when the sample was collected early during infection.
No risk to healthcare professional	Only direct nasal swab to be used
There is no direct contact to patients	The cost is not available
Small and easy to use	
It is approved by FDA for emergency use to detect COVID-19	
The device has FDA approval for Influenza A & B	

We recommend an **approval of using this technology** only with the following conditions:

1. Establishing a proper quality monitoring process and reporting of any adverse events or unwarranted consequences including safety issues of employees.
2. Use of the product is initially limited under the supervision of authorized COVID-19 laboratory.
3. Provision of regular updates and reports about the product to DOH upon request.
4. Any other documents or information requested regarding the product and cost to finalize the approval process.
5. The final approval for using the technology will be under the decision of Abu Dhabi Public Health Center.

Moreover, DOH has the right to stop the product at any stage if deemed necessary, initial conditions and any subsequent conditions must be satisfied before obtaining final approval. Failure to do so will reflect in provoking the approval.

Technology Image