

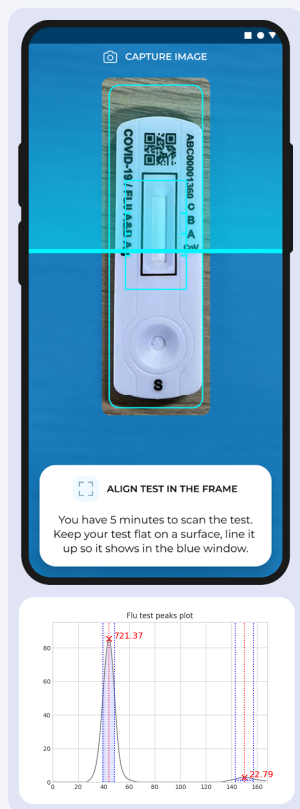
Covid-19 Flu A&B Ag Combo Rapid Test Cassette (Swab)

ClearScreen

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health

The ClearScreen Digital Reader & Covid-19 Flu A&B Rapid Test Kit – Swift, Accurate Detection for Immediate Response

Rapid diagnostic tests (RDTs) of sufficient sensitivity and specificity can replace molecular testing for many patients. Data shows that the CT levels our ClearScreen reader and RDTs can detect are sufficient to potentially remove the need for confirmatory PCR testing.



Key Features

- CDTA Approved and CE Marked
- Available in packs of 25 at <£5 per test
- **Rapid Results:** Obtain results in just 10 minutes, enabling rapid cohorting of patients to prevent nosocomial infections.
- **High Sensitivity & Specificity:** Very high cut offs (reading CT values of 32)
- **Simple & Easy to Use:** The Covid-19 Flu A&B Rapid Test Kit utilises a simple shallow nasal swab and is supported by the ClearScreen reader allowing supportive results and the ability to screen anywhere.
- Only one simple shallow nasal swab & sample required for all three pathogens
- **Fully Integrated:** ClearScreen is fully integrated with all Major middlewares. Bioconnect, Roche Navify POC, Aegis POC and Siemens POCcelerator, with live integrations into EPIC EPR system.

Instructions for Use

1. **Sample Collection:** Using the provided swab, collect a nasal secretion sample from the patient.
2. **Sample Preparation:** Add the swab to the provided buffer solution and mix.
3. **Testing:** Add 4 drops of the sample solution to the test kit. Read results within 10 minutes.
 - **Positive:** Both the test line and control line are visible.
 - **Negative:** Only the control line is visible.
 - **Invalid:** Control line is not visible, test must be repeated.

For optimal results, store between 2-30°C. See full instructions for detailed handling and safety guidelines.



ClearScreen Reader



Key Features

The ClearScreen solution, powered by TestCard, digitalises point of care rapid diagnostic testing including colorimetric and lateral flow tests. It can be deployed on any camera-enabled smart device with a flash. The solution provides paperless traceability at the point of need with integration into the electronic health record, and replaces error-prone manual performance of tests with no digital record.



- Designed by **Healthcare professionals** for Healthcare professionals
- Instant notifications of positive results for Infection prevention teams
- Combines market leading tests with the latest **computer vision technology**.
- Support for the clinician to perform the test correctly
- Instant recording of test results and image of tests into a web portal
- Comprehensive **record-keeping** and **reporting**
- **Track & Trace** - Utilising the test's QR code ClearScreen can confirm:
 - Uniqueness - test hasn't been used before
 - Correct Test type
 - Utilise Lot number to confirm test hasn't been recalled / ability to be used in future recalls.
 - Confirm test hasn't expired
- ClearScreen is able to **integrate** with all Major Middlewares into the electronic patient record. Ensuring that all relevant data is reported accurately and in real-time.

Case Study



A study from winter 2023-2024 performed in a leading London hospital showed that the Healgen COVID-19 / Flu A&B Ag Combo Rapid Test Cassette (which can be read within 10 minutes) provided CT values greater than 32 for Flu A - capturing 96% of positive cases. CT values for COVID were also greater than 32 - evidence shows that COVID's infectivity level is approximately 25.

Resulting 2024/25 Patient Pathway in A&E

1. Patient with respiratory symptoms consistent with a possible diagnosis of Covid-19 or influenza A/B is admitted to ED. Symptoms include the following:
 - High temperature >37.8
 - New continuous or worsening cough
 - Loss or alteration to taste or smell
 - Any other related respiratory symptoms: SOB, sore throat, runny nose, headache, fatigue, loss of appetite, myalgia, sore throat, delirium, diarrhoea, nausea and vomiting.
2. Dual COVID / FLU LFD test is performed and results recorded using ClearScreen Digital Reader.
3. Is the test result positive?
 - Yes (COVID-19): No further testing required
 - Yes (Flu A): No further testing required
 - Yes (Flu B): All Flu B positives should have a follow-up respiratory panel sent
 - No: Go to question 4
4. Is COVID-19 or influenza still suspected?
 - Yes: perform LIAT(R) PCR or Cepheid ® PCR in ED, End of pathway
 - No: Send sample to laboratory for respiratory panel, End of pathway