

Survey on Antigen Testing

As discussed during the HSC on the 10th of September, we would be interested to receive additional information on the antigen testing assays in use / being validated in your country. The gathered information will be shared back with the HSC.

| N | Question | Answer |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Are you currently using/validating antigen tests in your country? | Yes |
| 2 | What kind of antigen testing assays are you using/validating? | Lateral flow assays immunofluorescence-based lateral flow |
| 3 | What brands of antigen tests are you using/validating? | Abbot PanBio Sofia SARS Ag FIA (Quidel). Roche's SARS-CoV-2 Rapid Antigen Test. BD Veritor |
| 4 | What specificity and sensitivity requirements are you considering as reliable for the use/validation of the tests? | Sensitivity and specificity are based on WHO recommendations: Sensitivity >80% Specificity >97% |
| 5 | What are the reference panels or controls used /considered to assess and/or standardize these tests? | In house reference control |
| 6 | In what context are you using/planning to use antigen testing? E.g. do you focus on specific settings (e.g. airports, hospitals) or target groups (e.g. symptomatic)? | General population of mild symptomatic (non hospitalised) cases |
| 7 | Do positive antigen tests need to be confirmed by a follow up PCR test or are you considering this option? | Positive antigen testing confirmation will be considered depending on the diagnostic performance depending on the situation. |
| 8 | Do negative antigen tests also need to be confirmed by a follow up PCR test or are you considering this option? | Negative antigen testing confirmation is considered depending on the diagnostic performance of the test and depending on the situation. |
| 9 | If relevant, what quantities of antigen tests does your country currently have or is your country planning to purchase? | We are currently ordering 500 K antigen tests in total, with an option to buy 1,2 million kits |