

Workshop about Covid 19 - Rapid test

Lot's of students in BTS BioAc or BTS ABM are right now employed to work on the numerous covid platforms, so we decided to work on one example of notice test.

1/ Read the technical notice of Covid 19 Rapid Test from Assay Genie : PDF file.

2/ Translate the key words and expressions :

Antibody	preservative
Infectious disease	stabilizer
A new strain of virus	buffer
Respiratory droplets	store
To cough	inaccurate results
to sneeze	under sterile conditions
shortness of breath	heat
pain in the musth	discard
tiredness	remove
screening	label
sample	accuracy
strip	guidelines
amount	self isolation
dessicant	disclaimer
control line	

3/ Answer the general questions below :

3.1 If you were a technician what would you have to do with the patient to collect sample?

3.2 What are the protective measures to take?

3.3 How long does it last to obtain a result?

3.4 Is it reliable? Why?

3.5 What could be the different results for your patient?

4/ Answer the technological and scientific questions below :

4.1 What sort of test is used ?

4.2 Could you explain the formation of “complexes” mentioned in the notice?

4.3 What are nucleocapside proteins and spike proteins? You can draw if you like.

4.4 What does “recombinant antibody” mean? What does “conjugated antibody” mean?

4.5 Which witnesses are used to validate the method?

4.6 If I suffer from the covid 19 what could be my results?

4.7 If I am not concerned with this disease what could be my results?