



COVID-19 LABORATORY ASSESSMENT CHECKLIST

Background:

In response to unfolding realities and the need to have contingency plans in place for community transmission of COVID 19, the Nigeria Centre for Disease Control is expanding the laboratory pillar to increase the number of laboratories that can test for COVID 19 and bring the testing closer to states.

A. Laboratory General Information.

<i>Name of Laboratory</i>	
<i>Location</i>	
<i>Laboratory Manager/Contact Person</i>	
<i>Accreditation Status (Stars)</i>	
<i>State/ Geopolitical Zone</i>	
<i>Can this lab operate 24 hours ? if No, how many hours a day.</i>	

B. Biosafety and bio security checks

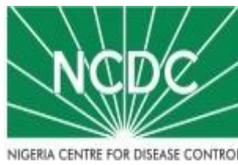
1. How many Rooms are available for the test?
2. How many biosafety cabinet?
3. What class of biosafety cabinet?
4. Are the cabinets calibrated?
5. Is there separate inactivation, extraction, master mix and template addition spaces?
6. Is there Dead- air/ PCR work station or UV box for PCR?

C. What types of PPEs are available for work?

7. Gloves-
8. Gowns/ aprons
9. Coats-
10. Face mask-
11. Face shield-
12. N-95 respirator-
13. Shoe- covers-
14. Lab shoe-

D. Waste management plan

15. Is there Autoclave in the lab?
16. Is incinerator in the vicinity of the lab?
17. If not where?.....



Nigeria Centre for Disease Control

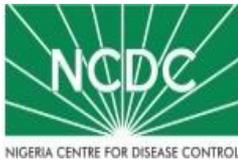
Protecting the health of Nigerians

A. BASIC Equipment LIST FOR COVID19 TESTING:

S/N	EQUIPMENT	Make and Model	Qty.	PRESENT CONDITION	LAST MAINTENANCE /CALIBRATION	COMMENTS
1	Glove Box					
2	Biosafety Cabinet Class 2 or 3					
3	Real-Time PCR machine					
4	Computer for Data					
5	Dead- air/ PCR work-station					
6	Automated Nucleic Acid Extractor					
7	Pipettes 2-10ul					
8	Pipettes 100ul					
9	Pipettes 200ul					
10	Pipettes 1000ul					
11	Pipettes tips					
12	Tubes and cryovials					
13	Fridge					
14	Freezer					
15	Vortex					
16	Thermo-Mixers/heating block					
17	Micro centrifuge (1.5-2 ml)					
18	Racks for 1.5 mL micro centrifuge tubes					
19	2 x 96-well -20°C cold blocks					
18	PPE					
19	Autoclave					
20	Incinerator					
21	Backup UPS					
22	Backup Generator					

B. Stock Management (Reagents & Consumables Available in Laboratory):

S/N	REAGENT	Make	QUANTITY AVAILABLE IN LAB	COMMENTS
	Molecular			
1	Nucleic Acid Extraction			
2	Superscript Kit			
3	CoVid Assay Kit			



Nigeria Centre for Disease Control

Protecting the health of Nigerians

4	10% bleach			
5	70 % Ethanol			
6	BSA			
7	Tris (10 Mm)			