

Appendix S3

QUESTIONNAIRE FOR SCIENTIST

Scope: This questionnaire is aimed at inviting the Scientist's viewpoint about the packaging, kit components, and user manual related to 'TB Concentration & Transport' Kit in field settings.

Date:

Name of Scientist:

Name of DMC:

Education:

District:

Experience:

State:

(To be filled every time the kit package is received)

Product Lot No.:

Packaging				Remarks
A.	Was the package intact when received?	Yes	No	
B.	Is the package easy to open and use?	Yes	No	
C.	Is the overall packaging robust to protect kit contents?	Yes	No	
D.	If package is damaged, please describe.			

Kit Components				Remarks
A.	Were all the following components present in the kit?			
	● User Manual	Yes	No	
	● Droppers	Yes	No	
	● TB Transport Devices	Yes	No	
	● SD Tube with powder	Yes	No	
	● Zip Lock Bags	Yes	No	
	● Polyethylene Sheets	Yes	No	
	● 7 solution bottles	Yes	No	
B.	Was any solution bottle leaking?	Yes	No	
C.	Were all the components labeled and identifiable?	Yes	No	
D.	Were the components neatly packed and properly placed in the box?	Yes	No	

(To be filled once at the start of study)

User Manual				Remarks
A.	Is the user manual easy to read and understand?	Yes	No	
B.	Does it have complete information for user?	Yes	No	
C.	Are all the steps well described?	Yes	No	
D.	Are the steps mentioned in correct sequence?	Yes	No	
E.	Are the images shown helpful and informative?	Yes	No	
F.	Is troubleshooting guide easy to follow?	Yes	No	
G.	Is troubleshooting guide effective/enough?	Yes	No	
H.	Are improvements in the manual required? If yes, please specify.			

(To be filled only once at the end of study)

Overall Feedback				Remarks
A.	Is the kit user friendly?	Yes	No	
B.	How many samples did your operator run before he/she felt comfortable processing samples on their own?			
C.	What do you feel are the biggest benefits of the kit? Please specify.			
D.	Do you feel there are any disadvantages/negative points of the kit? Please specify.			
E.	Assuming the cost is affordable, which other aspect(s) of the 'TB Concentration & Transport' kit do you think would be the main barrier(s) for adoption by health workers?			
F.	How do you think the 'TB Concentration & Transport' kit could be further improved?			

QUESTIONNAIRE FOR TECHNICIAN

Scope: This questionnaire is aimed at inviting the technician's viewpoint about the user manual and daily use activities related to 'TB Concentration & Transport' Kit in field settings.

Date:

Name of Technician:

Name of DMC:

Education:

District:

Experience:

State:

(To be filled once at the start of study)

Understanding				Remarks	
A.	Was the training given for use sufficient?	Yes	No		
B.	Is the user manual easy to read and understand?	Yes	No		
C.	Please specify the improvements you would like to see in the user manual.				
D.	Were you able to adapt to the use of transport kit?	Yes	No		
E.	How many samples did you run before you felt comfortable processing samples on your own?				
F.	How do you think the 'TB Concentration & Transport' kit could be further improved?				

(To be filled once at the end of study)

How would you rate TB Detect compare to conventional slide method on scale of 0-5 in terms of:		Points
A.	Ease of Use	
B.	Operator Fatigue	
C.	Time Saving	

(To be filled every day during the study period)

Date:

	Working	Remarks
A.	Total no. of samples performed	
B.	Name of solution bottle that did not deliver drops as required?	
C.	Number of cases where powder in SD tube does not come down after tapping. Please specify.	
D.	Number of cases where dissolving solution was added less or more than black mark. Please specify.	
E.	Number of cases where dissolved sputum could not be filtered completely. Did you proceed with the completion of protocol anyway?	
F.	Number of cases where pre-filter funnel was not attached to device. Please specify.	
G.	Number of cases where filter membrane was not attached to pre-filter funnel. Please specify.	
H.	Number of cases where filter membrane got detached from the holder. Did you pick up the membrane with forceps and transferred it to the bag? Please specify.	