



# ***EXTERNAL QUALITY ASSURANCE***

Worksheet (W1:M7)

# EXERCISE 1: PT REPORT ANALYSIS (W1:M7)

## XPert MTB/RIF ASSAY PROFICIENCY TEST PROGRAM PARTICIPANT RESULTS SUMMARY

### 2015 Panel A

International Laboratory Branch, Division of Global HIV and TB\*, Centers for Disease Control and Prevention

Country	Testing Site	PT-ID Number

Summary of All Reporting Sites					
	2015-A-1	2015-A-2	2015-A-3	2015-A-4	2015-A-5
Total number of reporting sites	351	351	351	349	349
<b>TB Detection</b>					
Sites detecting TB (%)	3 (0.9)	324 (92.3)	336 (95.7)	8 (2.3)	304 (87.1)
Sites not detecting TB (%)	332 (94.6)	17 (4.8)	7 (2.0)	325 (93.1)	34 (9.7)
Sites reporting uninterpretable TB result* (%)	13 (3.7)	10 (2.8)	8 (2.3)	14 (4.0)	11 (3.2)
Sites not reporting TB detection result (%)	3 (0.9)	0 (0)	0 (0)	2 (0.6)	0 (0)
<b>Rif Detection</b>					
Sites detecting Rif resistance (%)	1 (0.3)	5 (1.4)	3 (0.9)	2 (0.6)	296 (84.8)
Sites not detecting Rif resistance (%)	335 (95.4)	327 (93.2)	335 (95.4)	331 (94.8)	39 (11.2)
Sites reporting indeterminate Rif result (%)	0 (0)	4 (1.1)	0 (0)	0 (0)	3 (0.9)
Sites reporting uninterpretable Rif result* (%)	13 (3.7)	10 (2.8)	8 (2.3)	14 (4.0)	11 (3.2)
Sites not reporting Rif detection result (%)	2 (0.6)	5 (1.4)	5 (1.4)	2 (0.6)	0 (0)

\* Uninterpretable result = invalid, error, or no result

Site Results			
	MTB Detected	Rif Resistance	Score
<b>Sample ID: 2015-A-01</b>			
Expected Results	Not Detected	N/A	
All Participants' Consensus Results	Not Detected	N/A	
	Not Detected	N/A	20
<b>Sample ID: 2015-A-02</b>			
Expected Results	Medium	Not Detected	
All Participants' Consensus Results	Low	Not Detected	
	Not Detected	N/A	0
<b>Sample ID: 2015-A-03</b>			
Expected Results	Medium	Not Detected	
All Participants' Consensus Results	Low	Not Detected	
	Very Low	Not Detected	20
<b>Sample ID: 2015-A-04</b>			
Expected Results	Not Detected	N/A	
All Participants' Consensus Results	Not Detected	N/A	
	Not Detected	N/A	20
<b>Sample ID: 2015-A-05</b>			
Expected Results	Low	Detected	
All Participants' Consensus Results	Low	Detected	
	Not Detected	N/A	0
		Percentage	Satisfactory/Unsatisfactory
<b>FINAL SCORE</b>		60%	Unsatisfactory
<b>Comments</b>			

Identify the PT the problem(s)

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List possible causes of the problem(s)

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List possible corrective actions to address the problem(s)

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How could these corrective actions be monitored?

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