

# LIFT-TB Philippines

Leveraging Innovation for Faster Treatment of Tuberculosis  
Introducing the BPaL Regimen under Operational Research

In collaboration with the National Tuberculosis Control Program (NTP) – Department of Health (DOH)



**Tropical Disease Foundation, Inc.**

## GUIDELINES ON XPERT MTB/XDR <sup>1</sup>

### Acceptable specimen types and conditions for Xpert MTB/XDR assay

Specimen type	Minimum volume	Temperature	Viability period
<b>Sputum</b>	1 mL	2-8°C	7 days from collection
<b>Leftover SR-treated sputum*</b>	2 mL	2-8°C	4 hours from addition of SR
		Up to 35°C	2.5 hours from addition of SR

\*Leftover sputum treated with the sample reagent (SR) from Xpert MTB/RIF (or Ultra) test

### Decision based on repeat Xpert MTB/XDR test result

Initial result	Retest result	Decision
<b>“Error”, “invalid”, or “no result”</b>	Valid “ <i>MTB DETECTED</i> ” result with NO “ <i>indeterminate</i> ” resistance to any drug	<b>Consider retest result as final</b>
	“Error”, “invalid”, or “no result”	
	“ <i>MTB not detected</i> ”	<b>Recollect sputum for third test</b>
	“ <i>Indeterminate</i> ” to any drug	
<b>“<i>MTB not detected</i>”</b>	Valid “ <i>MTB DETECTED</i> ” result with NO “ <i>indeterminate</i> ” resistance to any drug	<b>Consider retest result as final</b>
	“ <i>MTB not detected</i> ”	
	“ <i>Indeterminate</i> ” to any drug	<b>Recollect sputum for third test</b>
	“Error”, “invalid”, or “no result”	
<b>“<i>Indeterminate</i>” to any drug</b>	Valid “ <i>MTB DETECTED</i> ” result, regardless of drug resistance result	<b>Consider retest result as final</b>
	“ <i>MTB not detected</i> ”	<b>Recollect sputum for third test</b>

<sup>1</sup> Department Memorandum 2021-0501: Use of the Xpert MTB/XDR Assay for the Rapid Detection of Drug-resistant Tuberculosis (DRTB), 18 November 2021, Office of the Secretary, Department of Health, Republic of the Philippines



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