

# Sinapi specimen cup

SINAPI

Too many specimens are rejected in laboratories, burdening Health Care Systems

Buffer volume indicators →

Specimen volume indicators → MAX

MIN

Smaller inner cup measures accurately



Reliable leak-free seal

[www.sinapibiomedical.com](http://www.sinapibiomedical.com)

## The current reality:

- Up to 8% of TB specimens sent for analysis are rejected<sup>1</sup>.
  - 75% is due to insufficient specimen<sup>1</sup>. The required 1 ml of specimen barely covers the surface of the container & is unmeasurable. This further complicates adding the correct buffer volume.
  - 50% of insufficient specimen is due to leakage<sup>1</sup> resulting from user error (cross-threading) or incorrect lid design.
- Standard sputum cups require 3.5 turns of the lid to open, possibly contributing to the prevalence of Carpal tunnel syndrome amongst lab technicians.
- Rejected specimens burden the healthcare system with patients having to return to clinics/hospitals; specimens to be re-collected by nurses and re-processed by labs, etc.

1. Marokane, P. Analysis of Xpert MTB/RIF rejection rates using laboratory data. 2015. South Africa. National Health Laboratory Services.

## Benefits of the Sinapi specimen cup:

- Small inner cup volume allows for **accurate measurement of specimen** while large outer surface allows for labelling of sample.
- Clearly marked Min and Max indicators ensure **collection of sufficient specimen**.
- Small increment measurements makes **accurately adding buffer** to specimen easy.
- Lid closure requires minimal twisting (120°), **decreasing lab technician fatigue** resulting from high specimen work load.
- Lid twists on securely and is watertight with **minimal risk of leakage**.

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