**MTB MGIT DRUG SUSCEPTIBILITY TEST LOG SHEET** Date Inoculated **\_\_\_\_\_\_\_\_\_\_\_\_Initials\_\_\_\_\_\_**

MGIT Media Lot #: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Expires: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ PZA media Lot #: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Expires: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SIRE Supplement Lot #: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Expires: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ PZA Supplement Lot #:\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Expires: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

STR 1.0 µg/mL Lot #: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Expires: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ INH 0.1 µg/mL Lot #: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Expires: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

RIF 1.0 µg/mL Lot #: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Expires: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ EMB 5.0 µg/mL Lot #: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Expires: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

PZA 100 µg/mL lot #:\_\_\_\_\_\_\_\_\_\_\_ Expires: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Sequence Number** | **Specimen ID**  **#** | TESTS (tick)  **Media**  **Type**  **(MGIT, LJ, or 7H10/11)** |  | | |  |  | |
| **SIRE** | **PZA** | **Age of initial MGIT in days** | | | **Need 1:5 Dilution for SIRE?**  **(Y or N)** | | **Need 1:10 Dilution for PZA?**  **(Y or N)** | MGIT 960 DST Results | | | | | Date results recorded/ initials |
| STR  1.0 µg/ml | INH  0.1 µg/ml | RIF  1.0 µg/ml | EMB  5.0 µg/ml | PZA 100 µg/ml |
| 1 | *M. tuberculosis* ATCC 27294 |  |  |  |  | | |  | |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  | | |  | |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  | | |  | |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  | | |  | |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  | | |  | |  |  |  |  |  |  |  |
| 6 |  |  |  |  |  | | |  | |  |  |  |  |  |  |  |
| 7 |  |  |  |  |  | | |  | |  |  |  |  |  |  |  |
| 8 |  |  |  |  |  | | |  | |  |  |  |  |  |  |  |

Supervisor Review\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Dilution Tube Volumes**

**1:5 = 4.0 mL saline : 1 mL MGIT culture**

**1:10 = 4.5 mL saline : 0.5 MGIT culture**

**1 :100 = 9.9 mL : 0.1 mL MGIT culture**

**Drug Rehydration with water**

**SIRE = 4.0 mL**

**PZA = 2.5 mL**

**INH 0.4 = 2.0 mL**