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

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 drug lot #:\_\_\_\_\_\_\_\_\_\_\_ Expires: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sequence Number** | **Specimen ID**  **#** | | **Specimen ID Number** | | **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)** | | **Final Results**  **OK=**√ | | | |
| **SIRE** | | **PZA** | |
| 1 | *M. tuberculosis* ATCC 27294 | | QC Strain | |  | | |  |  | |  | |  | |  | |  | |  | |
| 2 |  | |  | |  | | |  |  | |  | |  | |  | |  | |  | |
| 3 |  | |  | |  | | |  |  | |  | |  | |  | |  | |  | |
| 4 |  | |  | |  | | |  |  | |  | |  | |  | |  | |  | |
| 5 |  | |  | |  | | |  |  | |  | |  | |  | |  | |  | |
| 6 |  | |  | |  | | |  |  | |  | |  | |  | |  | |  | |
| 7 |  | |  | |  | | |  |  | |  | |  | |  | |  | |  | |
| 8 |  | |  | |  | | |  |  | |  | |  | |  | |  | |  | |
| Batch QC Results | | STR 1.0 µg/ml | | INH 0.1 µg/ml | | RIF 1.0 µg/ml | EMB 5.0 µg/ml | | | Initial/ Date | | PZA 100 µg/ml | | Initial/ Date | Purity Checks | | | | |
| BAP | 7H10 | | Initial/date | |
| *M. tuberculosis* ATCC 27294 | |  | |  | |  |  | | |  | |  | |  |  |  | |  | |

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**