### Supplementary Table 1 Recovery of the analytes and IS in human plasma (n=5)

| C(μg/mL) | Mean±SD (%) | RSD (%) |
|----------|-------------|---------|
| 1        | 97.79±2.37  | 2.43    |
| INH      | 92.08±4.41  | 4.79    |
| 15       | 95.09±0.67  | 0.70    |
| 10       | 102.05±0.52 | 0.51    |
| PZA      | 86.61±0.49  | 0.56    |
| 40       | 96.17±0.43  | 0.45    |
| 10       | 97.86±3.09  | 3.16    |
| RMP      | 97.08±1.67  | 1.72    |
| 40       | 92.56±2.42  | 2.62    |
| IS       | 90.85±2.20  | 2.43    |

### Supplementary Table 2 Intra-day (n=5) and Inter-day (n=15) precision and accuracy for the analytes in human plasma

| C(μg/mL) | Intra-day (n=5) | Inter-day (n=15) |
|----------|-----------------|------------------|
|          | Mean±SD | Accuracy% | RSD | Mean±SD | Accuracy% | RSD |
| INH      | 0.966±0.04 | 96.56 | 4.58 | 0.975±0.04 | 97.45 | 4.09 |
| 5        | 5.136±0.03 | 102.72 | 0.51 | 5.017±0.10 | 100.34 | 2.05 |
| 15       | 15.205±0.02 | 101.36 | 0.14 | 15.125±0.07 | 100.83 | 0.45 |
| 10       | 10.009±0.01 | 100.09 | 0.11 | 9.756±0.22 | 97.56 | 2.30 |
| PZA      | 20.809±0.01 | 104.04 | 0.07 | 20.410±0.31 | 102.05 | 1.52 |
| 40       | 40.605±0.05 | 101.51 | 0.13 | 40.377±0.19 | 100.94 | 0.48 |
| RMP      | 10.009±0.01 | 90.11 | 1.74 | 9.481±0.34 | 88.16 | 3.82 |
| 20       | 19.577±0.49 | 97.89 | 2.50 | 19.583±0.41 | 97.91 | 2.11 |
| 40       | 41.876±1.56 | 104.69 | 3.73 | 41.982±1.14 | 104.96 | 2.72 |