Table S1. Summary of TFV and TFV-DP assay performance characteristics by biological matrix

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| --- | --- | --- | --- | --- | --- |
| Analyte  | Matrix | Range | LLOQ | Inter-day | Intra-day |
|    |    |    | Precision | Accuracy | Precision | Accuracy | Precision | Accuracy |
| TFV  | Low Plasma/Serum  | 0.31 – 10 ng/mL  | 2.8% to 10.5%  | ‑6.1% to 5.1%  | 4.4% to 8.3%  | 5.7% to 8.2%  | 2.1% to 10.6%  | ‑0.4% to 13.6%  |
| TFV  | Plasma/Serum  | 5 – 1000 ng/mL  | 1.7% to 6.9%  | ‑1.1% to 9.4%  | 4.7% to 5.5%  | ‑2.0% to 2.5%  | 1.0% to 5.4%  | ‑7.6% to 6.4%  |
| TFV  | Rectal Fluid  | 5 – 1280 ng/mL  | 3.7% to 10.6%  | ‑6.8% to 9.1%  | 3.4% to 6.5%  | ‑11.7% to 1.6%  | 1.1% to 8.8%  | ‑13.8% to 4.4%  |
| TFV  | Tissue  | 0.25– 50 ng/sample  | 4.3% to 6.6%  | ‑6.0% to ‑1.1%  | 3.4% to 3.5%  | 0.2% to 2.8%  | 1.8% to 5.0%  | ‑2.9% to 4.6%  |
| TFV  | Cervicovaginal lavage  | 5– 1000 ng/mL  | 4.6% to 9.2%  | ‑4.2% to 9.4%  | 3.5% to 5.2%  | 5.2% to 9.8%  | 1.7% to 5.9%  | 1.0% to 13.0%  |
| TFV-DP  | Lysate/Tissue  | 50– 1500 ng/sample  | 2.6% to 7.8%  | ‑9.4% to 1.8%  | 4.1% to 6.5%  | ‑2.1% to 6.8%  | 1.7% to 7.3%  | ‑8.33% to 10.0%  |