# EVALUATION OF THE EFFECT OF SPECIMEN HANDLING CONDITIONS IN BD VACUTAINER® PPT ON THE STABILITY OF HIV-1 VIRAL LOAD USING ROCHE COBAS® AMPLIPREP/COBAS® TAQMAN® HIV-1 TEST

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## Introduction

Accurate quantification of HIV-1 RNA is essential to the management of HIV-1 infected

- BD Vacutainer<sup>®</sup> Plasma Preparation Tube (PPT<sup>™</sup>), Ref. #362788 Tubes B-G:
- Assay:

- Cochran's Q test to compare the proportion of subjects with undetectable viral load count (ND) and results under the limit of detection (LOD) of <48 copies/mL between tubes.
- Analysis of concordance of dichotomized CAP/CTM HIV-1 Test, v1.0 results (<50 copies/mL,  $\geq$ 50 copies/mL) using 2x2 tables for comparison between results from all PPT tube handling conditions to EDTA results.

Tube/Condition	Total Count
EDTA (A)	55
PPT 2H (B)	55
PPT 6H (C)	55
PPT 1D RT (D)	55
PPT 5D 4°C (E)	55
PPT invert (F)	55
PPT invert/spin (G)	55
*ND= Not Detected	





Results

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