

STABILITY OF CELL-FREE DNA ISOLATED FROM STRECK'S CELL-FREE DNA™ BCT AFTER 14 DAYS

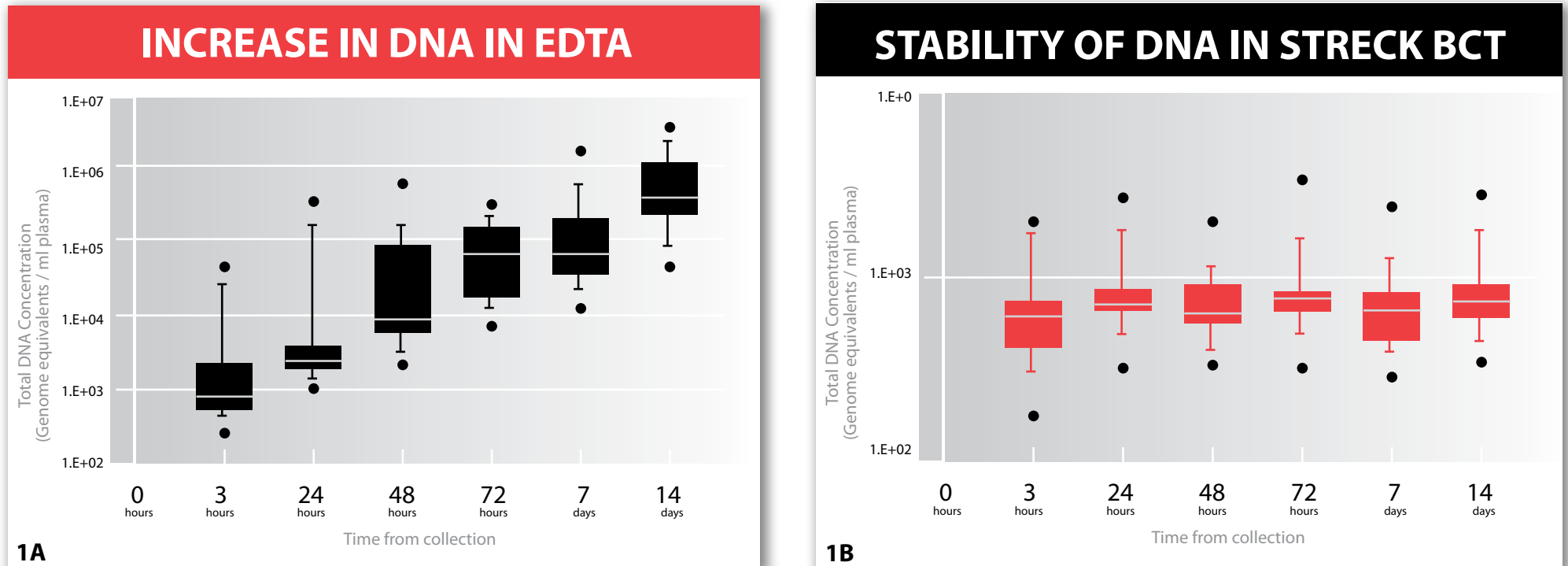


Figure 1. Effects of ex-vivo incubation of blood samples obtained from first trimester pregnant donors on plasma cell-free DNA quantity. Blood samples were drawn into either K₃EDTA (**1A**) tubes or Cell-Free DNA BCT (**1B**) and stored at room temperature. Aliquots of blood were removed from each tube at 3 hrs, 24 hrs, 48 hrs, 72 hrs, 7 days and 14 days and the plasma was separated. After the plasma cell-free DNA was isolated, it was quantified by Real-Time PCR. A plasmid DNA construct containing a single copy of RASSF1A gene promoter sequence was used to plot the standard curve for the quantification. In each box plot, the total amount of cell-free plasma DNA is represented as genome equivalents per milliliter of plasma. The line inside of the box indicates the median value. The limits of the box represent the 75th and 25th percentiles. The upper and lower error bars indicate the 10th and 90th percentiles, respectively. The uppermost and lowermost dots indicate maximum and minimum values.