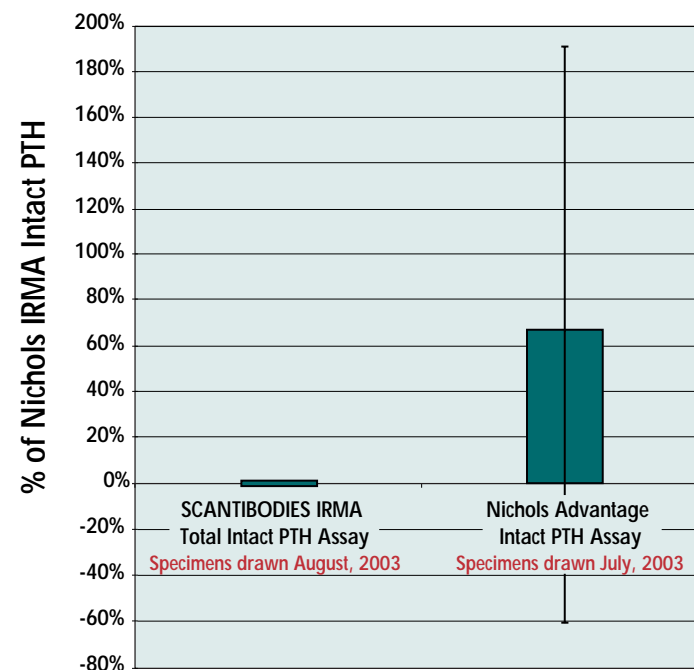


## COMPARISON BETWEEN THE SCANTIBODIES TOTAL INTACT PTH ASSAY AND THE NICHOLS ADVANTAGE INTACT PTH ASSAY

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Intact PTH assay values vary among manufacturers. In month 1 we measured 138 of our ESRD hemodialysis patients with the Nichols Advantage intact PTH assay, and in month 2 we measured the same patients with the Scantibodies Total Intact PTH assay. For each patient we calculated the percent difference between the 2 assays and then averaged the differences. On average, we found that the Nichols Advantage intact PTH assay value was approximately 165% higher than the Scantibodies intact PTH assay (i.e. Adv. iPTH = 1.65 x Scantibodies iPTH). Although there was a one-month time lag between the 2 assays, we would not expect the PTH values of our patient population to have increased to such a significant degree. These findings underscore the importance of a dedicated bone histology-based clinical validation before relying on assay values for therapy guidance.



Ashfaq A, Mossey R, Bellucci A, et al. Comparison between the Scantibodies Total Intact PTH Assay and the Nichols Advantage Intact PTH Assay. *Am J Kidney Dis* 2004(April); 43(4):10, pp. A17.