Supplemental Figure 1. A, Multiple regression analysis of 12-month calcium absorption (percent actual dose per liter) on vitamin D3 doses of 400–4800 IU daily. Calcium absorption was significantly correlated with dose after adjustment for age, body weight, daily total calcium intake, serum 1,25(OH)2D, and baseline serum 25OHD (adjusted $R^2 = 0.48; P = 0.033$). B, Multiple regression analysis of 12-month calcium absorption (percent actual dose per liter) vs. 12-month serum 25OHD. Final calcium absorption was significantly correlated with final serum 25OHD after adjustment for age, body weight, daily total calcium intake, serum 1,25(OH)2D, and baseline serum 25OHD (adjusted $R^2 = 0.51; P = 0.0019$).
FIG. 1A

The graph shows the relationship between the dose of Vitamin D (IU/day) and 12-month Calcium absorption (%AD/L). The x-axis represents the dose of Vitamin D, ranging from 0 to 4800 IU/day, while the y-axis represents the 12-month Calcium absorption, ranging from 0 to 6%. The data points are scattered across the graph, indicating variability in Calcium absorption across different Vitamin D doses.
FIG. 1B

12 month Calcium absorption %AD/L

12 month serum 25OHD (ng /ml)