



**Supporting figure 2.** Concentrations of ALT (**A**), ALP (**B**) and BA (**C**) in Labrador retrievers with normal liver histology ( $n=69$ ). Horizontal red lines indicate upper reference limits for ALT ( $<70$  U/L), ALP ( $<89$  U/L), and BA ( $<10$   $\mu\text{mol/L}$ ). There were no statistically significant differences in ALT, ALP and BA concentrations in dogs with normal ( $<400$  mg/kg/dwl) or increased ( $>400$  mg/kg/dwl) hepatic copper concentrations. The thick black line represents the median (50th percentile), also the first and third quartile (25th and 75th percentile respectively) are displayed. Outliers are depicted with an open dot, representing values higher than 1.5 times the interquartile range. ALT, alanine aminotransferase; ALP, alkaline phosphatase; BA, bile acids