

ABSTRACT

Atomic absorption spectrophotometry was used to investigate the serum zinc level of 802 apparently normal Thai adult and elder. Mean (and SD) serum zinc of both sexes, female (n=431) and male (n=371) were 95.12 (22.93) ug/dl, 94.75 (22.93) ug/dl and 95.55 (23.37) ug/dl respectively. These mean values were not significantly different ($p > 0.05$). The subjects were divided by age in to 6 groups. The mean of group 1 (25-35 yrs), group 2 (36-45 yrs), group 3 (46-55 yrs), group 4 (56-65 yrs), group 5 (66-75 yrs) and groups 6 (76-85 yrs) were 96.18 ug/dl, 96.06 ug/dl, 93.50 ug/dl, 92.68 ug/dl, 92.83 ug/dl and 77.94 ug/dl respectively. The data indicated that the decreased in serum zinc level linear with age, but not significantly different ($p > 0.05$).