

Online Supplemental Material

Supplemental Table 1

Two-by-two table showing classification of true positives, false negatives, false positives, and true negatives using serum retinol (SR) concentration ($\mu\text{mol/L}$) as the test of vitamin A deficiency (VAD) and total liver reserves (TLR) estimated with retinol isotope dilution (RID) as true VAD, which were used to calculate sensitivity and specificity.

| | | "True" VAD | | |
|-------------|------------------|---|---------------------|---------------------|
| | | Total liver reserves ($\mu\text{mol/g}$) from RID | | |
| | | VA deficient (+) | VA replete (-) | |
| | | TLR < 0.1 | TLR \geq 0.1 | |
| Test of VAD | VA deficient (+) | SR < 0.7 | True positive (TP) | False positive (FP) |
| | VA replete (-) | SR \geq 0.7 | False negative (FN) | True negative (TN) |
| | | Sensitivity = | | Specificity = |
| | | TP / (TP + FN) | | TN / (TN + FP) |