Alkaline Phosphatase Activity (measured weekly or bi-weekly)

Birth Weight

< 600g

Obtain radiograph of wrist and/or knee to evaluate for rickets at age six weeks or at time of full feeds.

> 600g

Alkaline Phosphatase Activity

Any Value >1000 IU/L

< 1000 IU/L

No clinical suspicion of rickets

Any Value >1000 IU/L

Clinical suspicion of rickets (incidental findings on unrelated radiograph, fracture, parenteral nutrition for >3-4 weeks, APA >800 IU/L on two measurements taken at least one week apart)

Obtain radiograph of wrist and/or knee to evaluate for rickets.

< 1000 IU/L

No clinical suspicion of rickets

Obtain radiograph of wrist and/or knee to evaluate for rickets.

< 600g

Continue to monitor alkaline phosphatase activity until <500 IU/L.