



**Figure 17-5** Evaluation of hypocalcemia. Abbreviations: Ca (serum total calcium),  $\text{Ca}^{2+}_e$  (extracellular ionized calcium), Phos (serum phosphate), Mg (magnesium), PTH (parathyroid hormone), 25OHD [25-hydroxyvitamin D (calcidiol)],  $1, 25(\text{OH})_2 \text{D}_3$  [1, 25-dihydroxy vitamin  $\text{D}_3$  (calcitriol)] PTHR1 (PTH receptor), VDR (vitamin D receptor), D (vitamin D), and M (mutation).