INDICATIONS FOR TESTING
Hypercalcemia
(defined as serum calcium ≥10.3 mg/dL)

Confirm hypercalcemia
ORDER
Calcium, Serum or Plasma
OR
Calcium, Ionized, Serum

ORDER
Albumin by Nephelometry
(if not previously tested)

Hypercalcemia confirmed
Clinical evaluation to rule out other causes, such as metastatic disease

ORDER
Parathyroid Hormone, Intact

Vitamin D excess
Cancers
Milk-alkali Syndrome
Hyperthyroidism

Low

ORDER
Parathyroid Hormone-Related Peptide (PTHrP) by LC-MS/MS, Plasma

Low or normal

ORDER
Vitamin D, 1, 25-Dihydroxy

Low

Cancer

High

Familial benign hypercalcemia

Primary hyperparathyroidism

High

Primary hyperparathyroidism

Cancer

Lymphoma or granulomatous disease (sarcoidosis)

Low (<100)

High (>100)

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