

| Test Name | Laboratory | Specimen Type | Test Schedule | Reference Range | Effective Date | Comments |
|-----------|------------|---------------|---------------|-----------------|----------------|----------|
|-----------|------------|---------------|---------------|-----------------|----------------|----------|

1,25 diOH Vitamin D (see 1,25-Dihydroxy Vitamin D, Serum/Plasma)

| Test Name | Laboratory | Specimen Type | Test Schedule | Reference Range | Effective Date | Comments |
|--|---------------|---|----------------------------|-----------------|----------------|--|
| 1,25-Dihydroxy Vitamin D, Serum/Plasma Calcitriol 1,25 diOH Vitamin D | Endocrinology | <p>Adult: 5 mL Gold top Vacutainer tube</p> <p>Pediatric: 0-2 years: 2 x 0.5 mL Red or Gold top Microtainers 2-10 years: 3 mL Red top Vacutainer tube</p> <p>Light Green top tubes (Liheparin) or Lavender top tubes (EDTA) are also acceptable GENERAL LABORATORY REQUISITION</p> | Monday-Friday 0800-1600 | 60-208 pmol/L | 2015-01-05 | <p>The test for 1,25 di-OH vitamin D is <u>not</u> useful to assess sufficiency of vitamin D from diet, supplements, and endogenous synthesis. The 25-OH vitamin D test would be more appropriate for that purpose.</p> <p><u>Appropriate Indications for 1,25 di-OH Vitamin D Testing:</u></p> <p>RENAL FAILURE</p> <p>RENAL TUBULOPATHY</p> <p>SARCOIDOSIS</p> <p>UNEXPLAINED HIGH PARATHYROID HORMONE LEVEL</p> <p>PEDIATRIC ENDOCRINOLOGY CONCERN (E.g. vitamin D-dep (more...))</p> |

| Test Name | Laboratory | Specimen Type | Test Schedule | Reference Range | Effective Date | Comments |
|---|---------------------|--|------------------|--|----------------|--|
| 1. Erythrocyte Total Panel (Total, Essential and Toxic) 2. Essential Erythrocyte Panel 3. Toxic Erythrocyte Panel 4. Total Panel | Trace Elements | Reference # 368381-BD Royal Blue K2-EDTA Vacutainer TRACE ELEMENTS REQUISITION | Batched analysis | Find individual Reference Ranges here: | | Reference Ranges are based on Non-Occupationally exposed population. Find Interpretive Comment and Clinical Information here: |
| 11-Deoxycortisol,Serum/Plasma | Core (all campuses) | 6 mL Red top Vacutainer tube or 4.5 mL Lavender top tube Pediatric: 0-2 yrs: Red 0.5pk. 2-10 yrs 2 mL Red top GENERAL LABORATORY REQUISITION | As required | See report for therapeutic ranges | 2008-12-16 | Referred out Monday - Thursday Hospitals In-Common Laboratory Inc. |
| 17 Alpha Hydroxy Progesterone (see <u>17-Hydroxyprogesterone, Serum</u>) | | | | | | |
| 17 Beta Estradiol (see <u>Estradiol, Plasma/Serum</u>) | | | | | | |
| 17-Hydroxy Progesterone (see <u>17-Hydroxyprogesterone, Serum</u>) | | | | | | |
| | | | | | | |

| Test Name | Laboratory | Specimen Type | Test Schedule | Reference Range | Effective Date | Comments |
|---|------------|---|------------------------------|---|----------------|----------|
| 17-Hydroxyprogesterone, Serum 17-OH Progesterone 17-Hydroxy Progesterone 17 Alpha Hydroxy Progesterone | Core | <p>Adult: 6 mL Red top Vacutainer tube</p> <p>Pediatric: 0-2 years: 2 x 0.5 mL Red top Microtainers 2-10 years: 3 mL Red top Vacutainer tube</p> <p>Avoid blood collection tubes with separator gels (Gold top Vacutainer tubes)</p> <p>Light Green (Li-Heparin) or Lavender (EDTA) top tubes are NOT acceptable GENERAL LABORATORY REQUISITION</p> | Referred out Monday - Friday | <p><14 days: <4.9 nmol/L 14 days - <1 year: <3.5 nmol/L 1 - <12 years: <1.2 nmol/L 12 - <14 years: <2.1 nmol/L 14 - <16 years: <4.3 nmol/L 16 - <19 years: <4.0 nmol/L</p> <p>Male: ≥19 years: <6.0 nmol/L</p> <p>Female: Follicular phase: <5.6 nmol/L Midcycle: <6.8 nmol/L Luteal phase: <8.6 nmol/L Post-menopausal: <1.4 nmol/L</p> | 2017-11-07 | |

| Test Name | Laboratory | Specimen Type | Test Schedule | Reference Range | Effective Date | Comments |
|---|------------|---|---------------|---|----------------|---|
| 17-Ketogenic Steroids, Urine **TEST NO LONGER AVAILABLE 02/23/15** | Core | 24 Hour Urine GENERAL LABORATORY REQUISITION | As required | Male, 10 years - Adult: 30.0-70.0 μ mol/d Female, 10 years - Adult: 14.0-55.0 μ mol/d Children: <5 years: <14.0 μ mol/d 5-10 years: <30.0 μ mol/d | 2004-06-17 | Referred out Tuesday - Thursday Primarily reflects production of cortisol, cortisone, 17 OH-progesterone and pregnanetriol. Gives an overall assessment of glucocorticoid production. Increased in Cushing's syndrome but urinary free cortisol is preferred test. |

| Test Name | Laboratory | Specimen Type | Test Schedule | Reference Range | Effective Date | Comments |
|---|------------|---|---------------|--|----------------|--|
| 17-Ketosteroids, Urine **TEST NO LONGER AVAILABLE 02/23/15** | Core | 24 Hour Urine GENERAL LABORATORY REQUISITION | As required | 10 years-Adult, Male: 42-70 µmol/d 10 years-Adult, Female: 17-52 µmol/d Children: <5 years: <7.0 µmol/d 5-9 years: <21.0 µmol/d | 2004-06-17 | Referred out Tuesday - Thursday Reflects Androsterone, Dehydroepiandrosterone and Androstenedione production from adrenal cortex (adrenal androgens). Increased in adrenal carcinoma, Cushing's syndrome and adrenal hyperplasia associated with hirsutism. Decreased in Addison's disease, panhypopituitarism and myxedema. |
| 17-OH Progesterone (see <u>17-Hydroxyprogesterone, Serum</u>) | | | | | | |