

| Test Name | Laboratory | Specimen Type | Test Schedule | Reference Range | Effective Date | Comments |
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1,25 diOH Vitamin D (see 1,25-Dihydroxy Vitamin D, Serum/Plasma)

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|--|---------------|---|----------------------------|-----------------|----------------|--|
| 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 (Li- heparin) 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> |

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| 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 years: 0.5 mL Red Microtainer 2-10 years: 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. |
| 14C Breath Test (see <u>H. Pylori Breath Test</u> test only available to Grey Bruce, Owen Sound and St. Mary's, Kitchener) | | | | | | |
| 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>) | | | | | | |

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| 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 | |
| 17-OH Progesterone (see 17-Hydroxyprogesterone, Serum) | | | | | | |