

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><b>Adult:</b> 5 mL Gold top Vacutainer tube</p> <p><b>Pediatric:</b> 0-2 years: 2 x 0.5 mL Red or Gold top Microtainers 2-10 years: 3 mL Red top Vacutainer tube</p> <p><b>Light Green top tubes (Li- heparin) or Lavender top tubes (EDTA) are also acceptable GENERAL LABORATORY REQUISITION</b></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> <b>test only available to Grey Bruce, Owen Sound and St. Mary's, Kitchener</b> )						
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><b>Adult:</b> 6 mL Red top Vacutainer tube</p> <p><b>Pediatric:</b> 0-2 years: 2 x 0.5 mL Red top Microtainers 2-10 years: 3 mL Red top Vacutainer tube</p> <p><b>Avoid blood collection tubes with separator gels (Gold top Vacutainer tubes)</b></p> <p>Light Green (Li-Heparin) or Lavender (EDTA) top tubes are <b>NOT</b> acceptable GENERAL LABORATORY REQUISITION</p>	Referred out Monday - Friday	<p>&lt;14 days: &lt;4.9 nmol/L 14 days - &lt;1 year: &lt;3.5 nmol/L 1 - &lt;12 years: &lt;1.2 nmol/L 12 - &lt;14 years: &lt;2.1 nmol/L 14 - &lt;16 years: &lt;4.3 nmol/L 16 - &lt;19 years: &lt;4.0 nmol/L</p> <p><b>Male:</b> ≥19 years: &lt;6.0 nmol/L</p> <p><b>Female:</b> Follicular phase: &lt;5.6 nmol/L Midcycle: &lt;6.8 nmol/L Luteal phase: &lt;8.6 nmol/L Post-menopausal: &lt;1.4 nmol/L</p>	2017-11-07	
17-OH Progesterone (see 17-Hydroxyprogesterone, Serum)						