

**Memo No.** 2018-007  
**Date:** 30-January-2018  
**Memo To:** Clients  
**Re:** 25-Hydroxy-Vitamin D - Reference Range Change – Age based

ICL's reference testing laboratory for 25-Hydroxy-Vitamin D has added age based reference ranges.

Test	Test Site	Effective date	Price
25-Hydroxy-Vitamin D	Mount Sinai Hospital	Immediately	No Change
Methodology	HL7 Order Code	HL7 Result Code(s)	Comments
CLIA	25VITD	3036 25-OH-Vitamin D	
Specimen	Storage/Transport Temperature	Reference Range (nmol/L)	
Serum SST gold top or Plasma PST – Lithium Heparin – light green	Frozen	0 - <3 months: 55 - 168 3 - <6 months: 55 – 165 6 - <9 months: 55 – 161 9 months - <1 year: 55 – 158 1 - <2 year: 55 – 158 2 - <3 year: 55 - 152 3 - <4 year: 55 – 146 4 - <5 year: 55 – 142 5 - <6 year: 55 - 139 6 - <7 year: 55 – 133 7 - <11 year: 55 – 131 11 – 18 year: not defined >=18 year: 75 – 225 The following reference comment will appear for all cases (paediatric, teenage, adult): 25-Hydroxy-Vitamin D (Calcidiol) reference ranges: >600: Excess vitamin D, potential hypercalcemia <225: Physiologic exposure to ultraviolet light >75: Desirable optimal to prevent fractures >55: Normal paediatric (TARGET Kids) <40: Insufficient (expected elevated PTH)	

**Want to receive updates by e-mail? Please contact Client Care [info@ICLabs.ca](mailto:info@ICLabs.ca)**

ICL is the only Not-For-Profit dedicated broker of lab diagnostic tests in Canada  
 57 Gervais Drive, North York, ON M3C 1Z2 (416) 422-3000 Ext. 300 [info@ICLabs.ca](mailto:info@ICLabs.ca)



		<25: Deficient (rickets or osteomalacia) Conversions: 1 nmol/L = 0.4 ng/mL; 1 ng/mL = 2.5 nmol/L	
--	--	---	--

---

If you have further questions please contact Client Care at (416) 422-3000 Ext. 300 or [info@ICLabs.ca](mailto:info@ICLabs.ca)

Joanie Mackay, MLT, BHA  
Director of Laboratory Operations  
(416) 422-3000 Ext. 225  
[JoanieMackay@ICLabs.ca](mailto:JoanieMackay@ICLabs.ca)

**Want to receive updates by e-mail? Please contact Client Care [info@ICLabs.ca](mailto:info@ICLabs.ca)**