

Aug 25, 2021

DynaCare Laboratories (HL7) Lab Data (Updated)

CM1/SEC

Accession Number GA-40040393  
 Collection Date Aug 25, 2021 8:42AM  
 Result Copy To: Mallin, Constantine  
 Ordering Physician: Campbell, Samantha  
 Copy from Ordering Physician Dr SAMANTHA CAMPBELL

**CREATININE**

Cr 65 50 - 100.00 umol/L  
 eGFR 95 >=60 mL/min/1.73m\*2  
 eGFR is calculated using the CKD-EPI 2009 equation.

Normal eGFR.  
 For patients of African descent, the reported eGFR must be multiplied by 1.15.

HOURS FASTING 12 hrs  
 CHOL 4.19 <=5.19 mmol/L  
 TG 1.17 <=1.69 mmol/L  
 HDL 1.36 >=1.3 mmol/L  
 LDL 2.29 mmol/L

**NON-HDL-CHOLESTEROL (CALC)**

NON-HDL 2.83 <4.29 mmol/L

Non HDL-cholesterol is calculated from total cholesterol and HDL-cholesterol and is not affected by the fasting status of the patient.

Treatment thresholds and targets based on 2016 CCS guidelines:

Category	Consider initiating therapy if	Treatment target
Primary prevention:	High FRS (>=20%); or Intermediate FRS (10-19%) and: LDL-C >=3.5 mmol/L, or non-HDL-C >=4.30 mmol/L, or ApoB >=1.20 g/L, or men >=50 and women >=60 y with >=1 additional CVD risk factor	LDL-C <2.00 mmol/L or >50% decrease; or ApoB <0.80 g/L; or non-HDL-C <2.60 mmol/L
Indicated conditions:	clinical atherosclerosis*; abdominal aortic aneurysm; diabetes mellitus (DM) and age >=40 y or >=30 y with 15 years duration (DM1); DM with microvascular disease; chronic kidney disease (age >=50 years)	LDL-C <2.00 mmol/L or >50% decrease; or ApoB <0.80 g/L; or non-HDL-C <2.60 mmol/L
Low-risk	LDL-C >=5.00 mmol/L	LDL-C >50% decrease

\*Consider target of LDL-C <1.8 mmol/L for subjects with ACS <=3 months.

CHOL/HDL 3.1  
 B12 736 >221 pmol/L

DEFICIENCY: < 148 pmol/L  
 INSUFFICIENCY: 148 - 220 pmol/L  
 SUFFICIENCY: > 220 pmol/L

60% OF SYMPTOMATIC PATIENTS HAVE A HEMATOLOGIC OR NEUROLOGIC RESPONSE TO B12 SUPPLEMENTATION AT A LEVEL <148 pmol/L

Ferritin 11 (L) 12 - 223.00 ug/L  
 Na 139 136 - 146.00 mmol/L  
 K 4.5 3.7 - 5.4 mmol/L  
 Cl 104 95 - 108.00 mmol/L  
 ALT 23 <=35.99 U/L  
 TSH 2.56 0.35 - 5.00 mIU/L  
 Hb A1C 5.6 <=5.99 %

NON-DIABETIC: < 6.0 %  
 PREDIABETES: 6.0 - 6.4 %  
 DIABETIC: > 6.4 %  
 OPTIMAL CONTROL: < 7.0 %  
 SUB-OPTIMAL CONTROL: 7.0 - 8.4 %  
 INADEQUATE CONTROL: > 8.4 %

LH 21.1 IU/L  
 Follicular: 1.9 - 14.6  
 Ovulatory: 12.2 - 118.0

Luteal:	0.7 - 12.9		
Post-menopausal:	5.3 - 65.4		
FSH	22		IU/L
Follicular:	3 - 15		
Ovulatory:	5 - 23		
Luteal:	1 - 9		
Post-menopausal:	16 - 157		
Testosterone	<0.5	<=1.99	nmol/L
Prolactin	10	<=23.99	ug/L
Estradiol	348		pmol/L
Follicular:	45 - 854		
Ovulatory:	151 - 1461		
Luteal:	82 - 1251		
Post-menopausal:	< 202		
Hb	121	110 - 147.000	g/L
Hct	0.37	0.33 - 0.440	L/L
RBC	4.4	3.8 - 5.200	x 10 <sup>12</sup> /L
MCV	85	76 - 98.000	fL
MCH	28	24 - 33.000	pg
MCHC	325	313 - 344.000	g/L
RDW	15.8	12.5 - 17.300	
WBC	7.2	3.2 - 9.400	x 10 <sup>9</sup> /L
Platelets	268	155 - 372.000	x 10 <sup>9</sup> /L
MPV	7.7	4.0 - 14.000	fL
<b>DIFFERENTIAL WBC'S</b>			
Neutrophils (A)	5.0	1.4 - 6.3	x 10 <sup>9</sup> /L
Lymphocytes (A)	1.2	1.0 - 2.9	x 10 <sup>9</sup> /L
Monocytes (A)	0.8	0.2 - 0.8	x 10 <sup>9</sup> /L
Eosinophils (A)	0.0	0.0 - 0.5	x 10 <sup>9</sup> /L
Basophils (A)	0.00	0.00 - 0.09	x 10 <sup>9</sup> /L
<b>URINALYSIS CHEMICAL</b>			
Urine Glucose	NEG	NEG	mmol/L
Urine Bilirubin	NEG	NEG	
Urine Ketones	NEG	NEG	mmol/L
Urine Specific Gravity	1.038 (H)	1.005- 1.030	
Urine Blood	NEG	NEG	
Urine pH	6.0	5 - 8.000	
Urine Protein	NEG	NEG	g/L
Urine Urobilinogen	16	<32.99	umol/L
Urine Nitrite	NEG	NEG	
Urine Leukocytes	NEG	NEG	
Urine Colour	YELLOW	YELLOW	
Urine Appearance	TURBID (A)	CLEAR	
CC copy sent to CONSTANTINE MALLIN			
Urine Glucose	NEG	NEG	mmol/L
Urine Bilirubin	NEG	NEG	
Urine Ketones	NEG	NEG	mmol/L
Urine Blood	NEG	NEG	
Urine Protein	NEG	NEG	g/L
Urine Nitrite	NEG	NEG	
Urine Leukocytes	NEG	NEG	
Urine Colour	YELLOW	YELLOW	
Urine Appearance	TURBID (A)	CLEAR	
Urine Glucose	NEG	NEG	mmol/L
Urine Bilirubin	NEG	NEG	
Urine Ketones	NEG	NEG	mmol/L
Urine Blood	NEG	NEG	
Urine Protein	NEG	NEG	g/L
Urine Nitrite	NEG	NEG	
Urine Leukocytes	NEG	NEG	
Urine Colour	YELLOW	YELLOW	
Urine Appearance	TURBID (A)	CLEAR	
<b>URINE CULTURE</b>			
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CULTURE:			
No growth of >1 x 10 <sup>6</sup> cfu/L			
Any urine culture specimens collected without proper cleansing technique and /or voided into a non-sterile container have a higher likelihood of contamination.			

Please interpret culture findings from such specimens with caution.