

ALAMYAR, FIONA
20/10 RANGE RD, NORTH GOSFORD. 2250
Birthdate: 06/03/1995 Sex: F Medicare Number: 2771079782
Your Reference: 00010992 Lab Reference: 21-10165362-DVI-0
Laboratory: Laverty Pathology
Addressee: DR GABRIEL AKRA Referred by: DR GABRIEL AKRA

Name of Test: VITAMIN D (DVI-0)
Requested: 14/04/2021 Collected: 19/04/2021 Reported: 19/04/2021 18:10

Clinical notes: health check.

Clinical Notes : health check.

VITAMIN D

Serum 25(OH) Vitamin D 63 nmol/L

Suggested decision limits for Vitamin D status:

Sufficiency	51 -200	nmol/L
Mild deficiency	25 - 50	nmol/L
Marked deficiency	< 25	nmol/L
Toxicity	>250	nmol/L

References: Vitamin D and health in adults in Australia and New Zealand:
Position Statement. MJA 2012 June 18; 196(11),686-687.

Requested Tests : VBF, TFT, TAA, GLU, MBA, LIP, FE, FBE, DVI

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 Birthdate: 06/03/1995 Sex: F Medicare Number: 2771079782
 Your Reference: 00010992 Lab Reference: 21-10165362-FBE-0
 Laboratory: Laverty Pathology
 Addressee: DR GABRIEL AKRA Referred by: DR GABRIEL AKRA

Name of Test: HAEMATOLOGY (FBE-0)
 Requested: 14/04/2021 Collected: 19/04/2021 Reported: 19/04/2021 18:07

Clinical notes: health check.

Clinical Notes : health check.

		HAEMATOLOGY	
Request Number		23443286	10165362
Date Collected		1 Oct 20	19 Apr 21
Time Collected		08:56	09:06
Specimen Type: EDTA			
Hb (115-165)	g/L	137	143
Hct (0.34-0.47)		0.41	0.43
RCC (3.9-5.8)	x10 ¹² /L	4.7	4.9
MCV (79-99)	fL	86	88
MCH (27-34)	pg	29	29
MCHC (320-360)	g/L	337	333
RDW (10.0-17.0)	%	12.2	12.5
WBC (4.0-11.0)	x10 ⁹ /L	8.2	7.2
Neut (2.0-7.5)	x10 ⁹ /L	5.2	3.6
Lymph (1.0-4.0)	x10 ⁹ /L	2.0	2.4
Mono (0.2-1.0)	x10 ⁹ /L	0.5	0.5
Eos (< 0.7)	x10 ⁹ /L	0.3	0.6
Baso (< 0.2)	x10 ⁹ /L	0.1	0.1
Plat (150-400)	x10 ⁹ /L	341	318

HAEMATOLOGY: FBC parameters are within reference range.

Requested Tests : VBF, TFT, TAA, GLU, MBA, LIP, FE, FBE, DVI*

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Birthdate: 06/03/1995 Sex: F Medicare Number: 2771079782
Your Reference: 00010992 Lab Reference: 21-10165362-TFT-0
Laboratory: Lavery Pathology
Addressee: DR GABRIEL AKRA Referred by: DR GABRIEL AKRA

Name of Test: THYROID FUNCTION TEST (TFT-0)
Requested: 14/04/2021 Collected: 19/04/2021 Reported: 19/04/2021 18:03

Clinical notes: health check.

Clinical Notes : health check.

Specimen Type: Serum
TSH 1.1 mIU/L (0.5-4.0)

Result(s) consistent with euthyroidism.

Please note the above reference intervals have been developed from a non-pregnant healthy general population study.

Requested Tests : VBF, TFT, TAA, GLU, MBA, LIP, FE, FBE*, DVI*

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Your Reference: 00010992 Lab Reference: 21-10165362-FE-0
Laboratory: Laverty Pathology
Addressee: DR GABRIEL AKRA Referred by: DR GABRIEL AKRA

Name of Test: IRON STUDIES (FE-0)
Requested: 14/04/2021 Collected: 19/04/2021 Reported: 19/04/2021 18:03

Clinical notes: health check.

Clinical Notes : health check.

	<u>IRON STUDIES</u>		
Specimen Type: Serum			
Serum Iron	21	umol/L	(10-30)
Transferrin	27	umol/L	(32-48)
Transferrin Saturation	40	%	(13-45)
Serum Ferritin	91	ug/L	(30-165)

Transferrin may be decreased by inflammation (acute or chronic) or protein deficiency or loss.

Requested Tests : VBF, TFT, TAA, GLU, MBA, LIP, FE, FBE*, DVI*

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 Birthdate: 06/03/1995 Sex: F Medicare Number: 2771079782
 Your Reference: 00010992 Lab Reference: 21-10165362-LIP-0
 Laboratory: Laverty Pathology
 Addressee: DR GABRIEL AKRA Referred by: DR GABRIEL AKRA

Name of Test: LIPID STUDIES (LIP-0)
 Requested: 14/04/2021 Collected: 19/04/2021 Reported: 19/04/2021 17:54

Clinical notes: health check.

Clinical Notes : health check.

Request Number 23443286 10165362
 Date Collected 1 Oct 20 19 Apr 21
 Time Collected 08:56 09:06
 Specimen Type: Serum

Reference intervals are included for reference only, and interpretation / treatment goals should be guided by patient-specific cardiovascular risk assessment (see Australian Cardiovascular Risk Charts. Alternatively, the web-site www.cvdcheck.org.au can be accessed in order to complete a risk assessment for individual patients.)

Haemolysis	Nil	Nil
Icterus	Nil	Nil
Lipaemia	Nil	Nil

Fasting status		Random	Fasting
Chol (3.0-5.2)	mmol/L	5.5	6.3
Trig (0.5-1.7)	mmol/L	0.8	0.8
HDL (1.0-2.0)	mmol/L		2.2
LDL (1.5-3.4)	mmol/L		3.7
Non-HDL (< 3.4)	mmol/L		4.1
Chol/HDL(< 4.5)			2.9

NVDP A TARGET LIPID RANGES (MMOL/L) FOR PATIENTS AT HIGH / MODERATE RISK OF CARDIOVASCULAR DISEASE:

TOTAL CHOLESTEROL	<4.0
TRIGS (FASTING)	<2.0
HDL-C	>= 1.0
LDL-C	<2.0
NON HDL-C	<2.5

LDL-C exceeds target for higher risk patients and may be excessive in some individuals.

Requested Tests : VBF*, TFT*, TAA*, GLU, MBA, LIP, FE*, FBE*, DVI*

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 Birthdate: 06/03/1995 Sex: F Medicare Number: 2771079782
 Your Reference: 00010992 Lab Reference: 21-10165362-MBA-0
 Laboratory: Lavery Pathology
 Addressee: DR GABRIEL AKRA Referred by: DR GABRIEL AKRA

Name of Test: SERUM CHEMISTRY (MBA-0)
 Requested: 14/04/2021 Collected: 19/04/2021 Reported: 19/04/2021 17:54

Clinical notes: health check.

Clinical Notes : health check.

SERUM CHEMISTRY

Request Number 23443286 10165362
 Date Collected 1 Oct 20 19 Apr 21
 Time Collected 08:56 09:06
 Specimen Type: Serum

Haemolysis	Nil	Nil
Icterus	Nil	Nil
Lipaemia	Nil	Nil

Na	(135-145)	mmol/L	139	140
K	(3.6-5.4)	mmol/L	4.1	3.9
Cl	(95-110)	mmol/L	103	104
HCO3	(22-32)	mmol/L	25	24
An Gap	(10-20)	mmol/L	15	16
Urea	(2.5-6.7)	mmol/L	4.9	3.7
Creat	(45-90)	umol/L	70	55
eGFR	mL/min/1.73m ²		> 90	> 90
Urate	(0.14-0.36)	mmol/L	0.35	0.30
Bili	(< 15)	umol/L	11	14
AST	(< 30)	U/L	18	16
ALT	(< 30)	U/L	18	12
GGT	(< 30)	U/L	21	16
Alk Phos	(20-105)	U/L	86	83
Protein	(60-82)	g/L	69	67
Albumin	(38-50)	g/L	41	41
Glob	(20-39)	g/L	28	26
Ca	(2.10-2.60)	mmol/L	2.40	2.35
Corr Ca	(2.10-2.60)	mmol/L	2.44	2.39
PO4	(0.75-1.50)	mmol/L	1.16	1.17
Mg	(0.70-1.10)	mmol/L		0.70

eGFR >=90 mL/min/1.73m² usually indicates normal kidney function but does not exclude patients with early kidney damage (those with albuminuria, haematuria or abnormal kidney imaging).

Requested Tests : VBF*, TFT*, TAA*, GLU, MBA, LIP, FE*, FBE*, DVI*