

NAME : **LE TRUC ANH**
 SEX/AGE : Female/22 Years
 NRIC/PASSPORT : C6036998
 MRN :
 LAB NO : 198120131
 SPECIMEN COLLECTED : 06/03/2019 22:06

Dr. William Liow Wei Yen
Klinik Medilove
 No 8G Jalan Rimbunan Raya,
 Laman Rimbunan Kepong
 52100 Kuala Lumpur

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ANALYTES	RESULTS	UNITS	REF. RANGES
Blood Group			
ABO	血型	O Rh(D) Positive	
Full Blood Count			
Haemoglobin	红血素	125	g/L 115-165
RBC	红血球	4.68	10 ¹² /L 3.80-5.80
MCV	平均红血球体积	86	fL 78-98
HCT	血球容积	0.40	L/L 0.38-0.48
MCH	平均红细胞血红蛋白	27	pg 27-32
MCHC	平均红细胞血红蛋白浓度	313	g/L 300-360
RDW-CV	红血球分支宽度CV	11.5	% 10.0-15.0
WBC	白血球	4.3	10 ⁹ /L 4.0-11.0
Neutrophils	嗜中性粒细胞	41 %	* 1.8 10 ⁹ /L 2.0-7.5
Lymphocytes	淋巴细胞	48 %	2.1 10 ⁹ /L 1.5-4.0
Monocytes	单核细胞	9 %	0.4 10 ⁹ /L 0.2-0.8
Eosinophils	嗜酸性粒细胞	1 %	<0.1 10 ⁹ /L < 0.4
Basophils	嗜碱性粒细胞	1 %	<0.1 10 ⁹ /L < 0.2
Platelets	血小板	276	10 ⁹ /L 140-400
ESR	红血球沉淀素	9	mm/hr < 25
Blood Film Comment	血片检验	Hb is normal. Red cells are normochromic normocytic. There is a mild neutropenia. Platelets appear adequate.	

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ANALYTES		RESULTS	UNITS	REF. RANGES
Renal Function				
Sodium	钠	141	mmol/L	132-146
Potassium	钾	---	mmol/L	3.5-5.1
Potassium is invalid due to red cell leakage.				
Chloride	氯	* 94	mmol/L	98-107
Urea	尿素	2.8	mmol/L	2.1-6.0
Uric Acid	尿酸	303	umol/L	140-400
Creatinine	肌肝酸	66	umol/L	44-80
eGFR		114	ml/min/1.73m ²	=> 60

Note: eGFR calculated using CKD-EPI formula effective on 22/02/2016.

Mineral & Vitamin Studies

Calcium	钙	2.52	mmol/L	2.15-2.55
Corrected Calcium		2.36	mmol/L	2.15-2.55
Phosphate	血清无机磷测定	1.38	mmol/L	0.81-1.45

Liver Function

Total Protein	总蛋白	* 87	g/L	64-83
Albumin	白蛋白	52	g/L	35-52
Globulin	球蛋白	35	g/L	21-35
Albumin / Globulin Ratio		1.5	Ratio	0.8-2.0
Bilirubin (total)	总胆红素	10	umol/L	< 21
Alkaline Phosphatase	碱性磷酸酶	48	U/L	30-120
GGT	谷氨酰转酶	13	U/L	< 50
Aspartate Transferase (AST)	谷草转氨酶	18	U/L	< 40
Alanine Transaminase (ALT)	谷丙转氨酶	11	U/L	< 43

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Lipid Studies			
Total Cholesterol	总胆固醇	5.11	mmol/L < 5.20
Triglyceride	三酸甘油酯	1.19	mmol/L < 1.70
HDL Cholesterol	高密度胆固醇	1.81	mmol/L > 1.03
LDL Cholesterol	低密度脂蛋白胆固醇	* 2.76	mmol/L < 2.58
Total Cholesterol/HDL	总/高密度胆固醇比率	2.82	Ratio < 5.00
Non-HDL Cholesterol	不含高密度胆固醇	3.30	mmol/L < 3.37

Non-HDL Result	Risk Classification
<3.37	Desirable
3.37-4.12	Above Desirable
4.13-4.90	Borderline High
4.91-5.67	High
>5.67	Very High

Reference: National Lipid Association (NLA), Non-HDL Cholesterol Risk Classification Guideline

Diabetic Studies

Glucose	血糖	4.4	mmol/L	Fasting: 3.5-5.5 Random: 3.5-7.7
HbA1C	糖化血红蛋白	5.2	%	4.8-5.9
HbA1C (IFCC)		33	mmol/mol	29-42

HbA1c %	HbA1c mmol/mol	Glucose Control Level
< 6.0	<43	Non-diabetic range
6.0 - 6.4	43-47	Diabetic with good control / Prediabetes
6.5 - 7.5	48-58	Diabetic with satisfactory control
> 7.5	>58	Diabetic poor control

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Thyroid Function			
TSH	促甲状腺激素	1.240	mIU/L 0.270-4.200
Tumour Markers			
AFP	甲种胚胎蛋白	1.2	ug/L < 7.0
CEA	癌胚抗原	1.5	ug/L < 5.0
CA 125	卵巢肿瘤标记	13	U/mL < 35
Arthritis Studies			
Rheumatoid Factor	类风湿因子	<10	IU/mL < 20
Infectious Disease			
H.pylori IgG	幽门螺旋杆菌抗体	* 5.32	U/mL < 0.90
Result indicates recent or past exposure to H. Pylori			
Method: Immulite 2000 H. Pylori IgG EIA			
Anti HAV (Total)	甲型肝炎抗体	6	IU/L
Levels <20 IU/L are considered negative.			
HIV 1 & 2 (Ag & Ab)	爱滋病检验	Not Detected	
Method: Fourth generation electrochemiluminesce Immunoassay (ECLIA)			
VDRL (RPR)	梅毒血清检查	Non Reactive	
HBsAg	乙型肝炎表面抗原	Not Detected	
Anti HBs	乙型肝炎表面抗体	<2	IU/L
Levels of anti HBs <10 are considered negative. Consistent with lack of protective immunity except in patients who have previously shown sero-conversion.			

LABORATORY REPORT

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Urinalysis			
Appearance	清澈度	Clear	
Colour	颜色	Pale Yellow	
Specific Gravity	特殊比重	1.008	1.004-1.030
pH	酸硷度	7.0	4.8-7.4
Leucocytes	白血球	Negative	
Nitrite	亚硝酸盐	Negative	
Protein	蛋白	< 0.25	< 0.25
Glucose	糖	< 3.0	< 3.0
Ketones	酮	<0.5	< 0.5
Urobilinogen	胆素元	<17	< 17
Bilirubin	胆红素	<17	< 17
Blood	血	Negative	
Red Blood Cell Count	红血球	<5	< 5
White Blood Cell Count	白細胞計數	<10	< 10
Epithelial Cell Count	上皮細胞	Nil	Nil
Bacteria	細菌	Nil	Nil
Others	其他的	Nil	

-- End of Report --

Validated By : Robert Lee Teck Vui Dip.Med.Lab.Tech at 11:03 on 09/03/2019
 Note: This is a computer generated report and requires no signature