



Sample Report

BP010 - Bredesen Panel Pt1

Collected: 20/03/2018 (09:50)

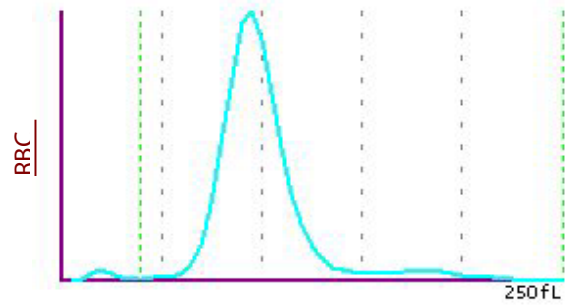
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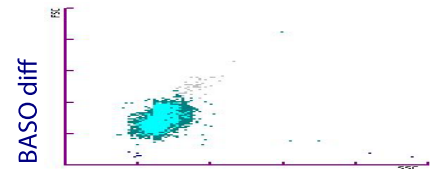
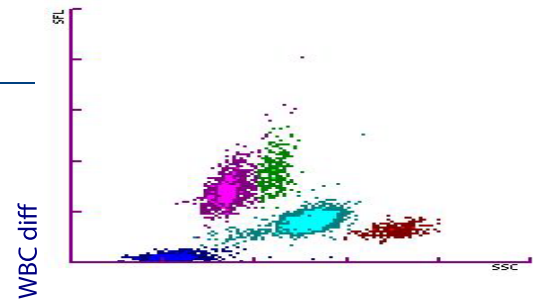
Sample: WHOLE BLOOD (EDTA)

FULL BLOOD COUNT

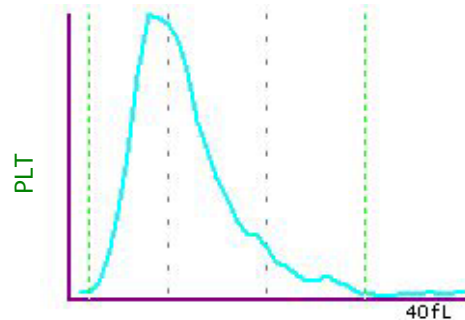
RED BLOOD CELLS		Result	Reference Intervals
RBC	:	4.31 $10^{12}/L$	3.80 - 5.29
HGB	:	133 g/L	112 - 154
HCT	:	0.392 L/L	0.338 - 0.454
MCV	:	91.0 fL	79.3 - 95.6
MCH	:	30.9 pg/cell	26.3 - 32.5
MCHC	:	339 g/L	318 - 354
RDW-SD	:	44.1 fl	35.4 - 45.5
RDW-CV	:	13.6 %	11.5 - 15.0



WHITE BLOOD CELLS		Result	Reference Intervals	
WBC	:	5.09 $10^9/L$	3.00 - 10.00	
WBC Differential				
		R.I.	#	R.I.
NEUT%	:	50.9 %	2.59 $10^9/L$	2.00 - 7.50
LYM%	:	32.4 %	1.65 $10^9/L$	1.20 - 3.65
MONO%	:	8.6 %	0.44 $10^9/L$	0.20 - 1.00
EOS%	:	7.1 %	0.36 $10^9/L$	0.20 - 1.00
BASO%	:	1.0 %	0.05 $10^9/L$	0.00 - 0.10



PLATELETS		Result	Reference Intervals
PLT	:	276 $10^9/L$	150 - 400
MPV	:	11.0 fl	7.0 - 13.0
PDW	:	14.0 fl	9.2 - 16.7
PCT	:	0.30 %	0.15 - 0.35
P-LCR	:	32.2 %	16.0 - 41.3



REMARKS

Patient :
 Date : D.O.B. :
 Order No : Gender : Female
 Doctor : Regenerus
 Requester : REGENERUS LABORATORIES LIMITED
 02037500870
 Aero 14, Kings Mill Lane, RH1 5YP Redhill, Surrey

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BIOCHEMISTRY

Test	Result	Reference Intervals	
Glycated hemoglobin (HbA1c)	: 5.05 %	4.80 - 5.90	Whole Blood
Total cholesterol	: * 5.73 mmol/L	< 5.17	Serum
Triglycerides	: 0.84 mmol/L	< 1.71	Serum
HDL-cholesterol	: * 1.79 mmol/L	1.03 - 1.55	Serum
LDL-cholesterol (calculated)	: * 3.55 mmol/L	< 2.58	Serum
TC/HDL Ratio	: 3.2	Prediction of Coronary Heart Disease: Low risk: <3.4 Average risk: 3.4-4.5 Moderate risk: 4.6-6.5 High risk: >6.5	Serum
Aspartate aminotransferase (AST)	: 25 U/L	< 32	Serum
Alanine aminotransferase (ALT)	: 19 U/L	< 33	Serum
Total protein	: 68.1 g/L	64.0 - 83.0	Serum
Albumin	: 47.1 g/L	35.0 - 52.0	Serum
Globulin (calculated)	: 21.0 g/L	19.0 - 35.0	Serum
Urea	: 3.8 mmol/L	3.5 - 7.2	Serum
Creatinine	: 64 umol/L	44 - 80	Serum
eGFR (MDRD)	: * 86 mL/min/1.73m ²	>90 Please refer to www.renal.org	Serum
Calcium	: 2.44 mmol/L	2.20 - 2.55	Serum
C-reactive protein (CRP)	: 0.4 mg/L	< 5.0	Serum
C-reactive protein high-sensitivity (hsCRP)	: 0.47 mg/L	<5.0 CVD relative risk: <1.0 low 1.0-3.0 average >3.0 high	Serum
Zinc	: 105 ug/dL	70 - 150	Serum
Result from referral laboratory.			
Selenium	: 12.4 ug/dL	4.6 - 14.3	Serum
Result from referral laboratory.			

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ENDOCRINOLOGY

Test	Result	Reference Intervals	
Thyroid-stimulating hormone (TSH)	: 4.080 mIU/L	0.270 - 4.200	Serum
Free triiodothyronine (fT3)	: 4.53 pmol/L	3.74 - 6.11	Serum
Free thyroxine (fT4)	: 15.0 pmol/L	11.5 - 19.6	Serum
Homocysteine	: * 15.9 umol/L	4.0 - 13.0	Serum
Result from referral laboratory.			
Insulin	: 3.4 µU/mL	2.6 - 25.0	Serum
Result from referral laboratory.			
Vitamin D (25-OH)	: * 22.8 ng/mL	Deficiency <=20 Insufficiency 21-29 Desired level >=30 Toxic level >100	Serum



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HAEMATOLOGY

Test	Result	Reference Intervals	
Ferritin	: * 159.9 ng/mL	13.0 - 150.0	Serum
Vitamin B12	: * 937 pg/mL	197 - 771	Serum
Folate	: 12.4 ng/mL	3.9 - 26.8	Serum