

Name : Goldwyn cruzat
MRN : 40604
Gender : Female
Age / DOB : 18/09/1984, 38 Y
Nationality :
Client Name : irham- Peshawar Medical Center LLC
Referred by : Dr.behaaz

Lab File No. : P53064525
Sample No. : LAB192283
Collection Date : 01/08/2023 15:27
Receiving Date : 01/08/2023 15:15
Reporting Date : 01/08/2023 18:43
ID No :
Passport No :

BIOCHEMISTRY

Test	Result	Units	Reference Range	Methodology
ante-natal screening test package (irham)				
Vitamin D, 25-hydroxy (25-OH Cholecalciferol) Total, Serum	26.4	L ng/ml	Sufficiency : 30 - 100 Insufficiency : 10 - 29 Deficiency : < 10 Toxicity : > 100	ICMA

Interpretation Notes :

25 – OH Vitamin D is the metabolite that should be measured in blood to determine the overall Vitamin D status because it is the major storage form of Vitamin D in the human body. 25 – OH Vitamin D Increases in Vitamin D intoxication. 25 – OH Vitamin D decreases in Rickets, Osteomalacia, Secondary osteoporosis, hyperparathyroidism, Malabsorption of Vitamin D (e. g., severe liver disease, cholestasis) & diseases that increase Vitamin D metabolism (e. g., tuberculosis, sarcoidosis, primary hyperparathyroidism)

Sample Type : SERUM



Analysed by : Khalid Rehman
Medical Laboratory Technologist

License No : 89398335001



Final Report




Verified by :Dr. Neethu Elizabeth
George Clinical Pathologist

License No : 64372628
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HAEMATOLOGY

Test	Result	Units	Reference Range	Methodology
ante-natal screening test package (irham)				
RED BLOOD COUNT - RBC	3.89	L 10 ¹² /L	3.9 - 5.4	ELECTRICAL IMPEDENCE
<i>Sample Type : WHOLE BLOOD</i>				
Blood Group and RH, EDTA Blood	A Positive			Manual
<i>Sample Type : EDTA Whole Blood</i>				



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HAEMATOLOGY

Test	Result	Units	Reference Range	Methodology
ante-natal screening test package (irham)				
COMPLETE BLOOD COUNT (CBC)				
Hemoglobin	12.09	gms/dl	11.5 - 15	AUTOMATED CELL COUNTER
HEMATOCRIT-PCV	35	%	35 - 47	AUTOMATED
RED BLOOD COUNT - RBC	3.89	L 10 ¹² /L	3.9 - 5.4	ELECTRICAL IMPEDENCE
MCV	90	fL	75 - 95	RBC HISTOGRAMS
MCH	31.1	pg	27 - 32	CALCULATED
MCHC	34.5	gm/dl	32 - 36	CALCULATED
RDW CV	13.9	%	< 15	AUTOMATED CALCULATED
PLATELET COUNT	344.1	10 ⁹ /L	150 - 450	ELECTRICAL IMPEDENCE
TOTAL LEUCOCYTE COUNT / WBC	7.31	10 ⁹ /L	3.5 - 10	AUTOMATED CELL COUNTER
DIFFERENTIAL COUNT (DC)				FLOWCYTOMETRY BY LASER
NEUTROPHILS	48	%	40 - 75	
LYMPHOCYTES	39	%	20 - 45	
MONOCYTES	12	H %	2 - 10	
EOSINOPHILS	1	%	0 - 5	
BASOPHILS	0	%	0 - 1	
Mean Platelet Volume (MPV)	7.78		7.2 - 11.7	AUTOMATED CELL COUNTER

Sample Type : WHOLE BLOOD



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IMMUNOLOGY

Test	Result	Units	Reference Range	Methodology
ante-natal screening test package (irham)				
Human immunodeficiency Virus (HIV) 1 and 2 with P24 - Screening Test, Serum	Non Reactive	--	Non Reactive	Immunochromatography
Hepatitis C Virus (HCV) antibody Screening Test, Serum	Non Reactive	--	Non-reactive	Immunochromatography

Interpretation Notes :

Detection and diagnosis of chronic Hepatitis C virus infection. HCV antibodies are usually not detectable during the first 2 months of following infection, but they are usually detectable by the late convalescent stage (>6 months after onset) of infection. These antibodies do not neutralize the virus and they do not provide immunity against this viral infection. A reactive screening test result does not distinguish between past(resolved) and present HCV infection. Positive HCV antibodies should be confirmed by HCV DNA PCR.

Hepatitis B Virus (HBV) surface Antigen (HBsAg) Qualitative Screening Test, Serum	Non Reactive	--	Non-reactive	Immunochromatography
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Interpretation Notes :

Hepatitis B virus (HBV) is endemic throughout the world. The infection is spread primarily through percutaneous contact with infected blood products. Hepatitis B surface antigen (HBsAg) is the first serologic marker appearing in the serum at 6 to 16 weeks following the exposure to HBV. In acute infection, HBsAg usually disappears in 1 to 2 months after the onset of symptoms. Persistence of HBsAg for more than 6 months in duration indicates development of either chronic carrier state or chronic HBV infection. Not useful during the "window period" of acute Hepatitis B virus (HBV) infection (ie, after disappearance of HBsAg and prior to appearance of anti-HBs).

VDRL Qualitative, Serum	Negative	Negative
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Sample Type : SERUM



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ENDOCRINOLOGY

Test	Result	Units	Reference Range	Methodology
ante-natal screening test package (irham)				
Thyroid Stimulating Hormone (TSH), Serum	0.769	uIU/ml	0.3 - 4.5	CLIA

Sample Type : SERUM



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