Turco			
TruS@an @	Scan, Ultrasound 3D/4D, D	Digital X-Ray, Echo	, PFT, ECG, EEG, Endoscopy, All types of Pathological Tests
DIAGNOSTIC CENTRE			
Patient Name : MRS. AMREETA DASH		F	Referral : SELF
Age / Gender : 31 years / Female		C	Collection Time : Feb 24, 2022, 09:04 a.m.
Patient ID : 9317		F	Reporting Time : Feb 24, 2022, 11:45 a.m.
		S	ample ID : 22134901
Test Description	Value(s)	Unit(s)	Reference Range
BLOOD GROUPING & RH TYPING			
Blood Group (ABO typing) [Manual-Hemagglutination]	"O"		

END OF REPORT

Positive

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RhD Factor (Rh Typing) [Manual hemagglutination]



Patient Name : MRS. AMREETA DASH Age / Gender : 31 years / Female Patient ID : 9317 Referral : SELF

Collection Time : Feb 24, 2022, 09:04 a.m.

Reporting Time : Feb 24, 2022, 11:45 a.m.

Sample ID :



Test Description	Value(s)	Unit(s)	Reference Range
LIPID PROFILE.			
Cholesterol-Total [CHOD-POD]	214	mg/dL	Desirable level < 200
		C C	Borderline High 200-239
			High >or = 240
Triglycerides [: GOD-POD METHOD]	268	mg/dL	Normal: < 150
			Borderline High: 150-199
			High: 200-499
			Very High: >= 500
HDL Cholesterol [Serum, Direct measure-PEG]	28.8	mg/dL	< 40 Low
			>/=60 High
LDL Cholesterol [Enzymatic selective protection]	131.60	mg/dL	< 100 Optimal
			100 - 129 Near or above optimal
			130 - 159 Borderline High
			160 - 189 High
			>/= 190 Very High
Non HDL Cholesterol	185.2	mg/dL	Optimal : <130
			Desirable : 130 - 150
			Border Line High : 159 - 189
			High : 189 - 220
			Very High : >=220
CHOL/HDL Ratio [CALCULATED PARAMETER]	7.43		3.3 - 4.4 Low Risk
			4.5 - 7.0 Average Risk
			7.1 - 11.0 Moderate Risk
			> 11.0 High Risk
LDL/HDL Ratio [CALCULATED PARAMETER]	4.57		0.5 - 3.0 Desirable/Low Risk
			3.1 - 6.0 Borderline/Moderate Risk
			>6.0 High Risk
VERY LOW DENSITY LIPOPROTEIN [Serum, Enzymatic	e] 53.60	mg/dL	< 20

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			Referral : SELF		
			Collection Time : Feb 24, 2022, 09:04 a.m.		
Patient ID: 9317			Reporting Time : Feb 24, 2022, 11:45 a.m.		
			Sample ID :		
Test Description	Value(s)	Unit(s)	Reference Range		
HbA1C					
HbA1c (GLYCOSYLATED HEMOGLOBIN), BLOOD [5.5	%	Non-diabetic: < 5.7		
(HPLC, NGSP certified)]			Pre-diabetics: 5.7 - 6.4		
			Diabetics: $> $ or $= 6.5$		
			ADA Target: 7.0		
			Action suggested: > 8.0		
MEAN PLASMA GLUCOSE [HB VARIANT (HPLC)]	111.0		< 116.0		

Note:

1. Since HbA1c reflects long term fluctuations in the blood glucose concentration, a diabetic patient who is recently under good control may still have a high concentration of HbA1c. Converse is true for a diabetic previously under good control but now poorly controlled .

Target goals of < 7.0 % may be beneficial in patients with short duration of diabetes, long life expectancy and no significant cardiovascular disease. In patients with significant complications of diabetes, limited life expectancy or extensive co-morbid conditions, targeting a goal of < 7.0 % may not be appropriate.

Comments

HbA1c provides an index of average blood glucose levels over the past 8 - 12 weeks and is a much better indicator of long term glycemic control as compared to blood and urinary glucose determinations.

ADA criteria for correlation between HbA1c & Mean plasma glucose levels.

HbA1c(%)	Mean Plasma Glucose (mg/dL)
6	126
7	154
8	183
9	212
10	240
11	269
12	298

Interpretation

As per American Diabetes Association (ADA)				
Reference Group	HbA1c in %			
Non diabetic adults >=18 years	<5.7			
At risk (Prediabetes)	5.7 - 6.4			
Diagnosing Diabetes	>= 6.5			



Patient Name : MRS. AMREETA DASH Age / Gender : 31 years / Female Patient ID : 9317

Referral : SELF

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Test Description	Value(s)	Unit(s)	Reference Range	
		· · · · · · · · · · · · · · · · · · ·		
	Age > 19 year Goal of therap	s oy: < 7.0		
Therapeutic goals for glycemic control	Action suggested: > 8.0			
	Age < 19 year			
	Goal of therap	oy: <7.5		

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Patient Name : MRS. AMREETA DASH

Age / Gender : 31 years / Female

Patient ID: 9317

Referral : SELF

Sample ID :

Collection Time : Feb 24, 2022, 09:04 a.m.

Reporting Time : Feb 24, 2022, 11:45 a.m.

22134901

			22104501	
cription	Value(s)	Unit(s)	Reference Range	
FUNCTION TEST (LFT)				
- Total [Serum, Jendrassik Grof]	0.40	mg/dL	0.3 - 1.2	
- Direct [Serum, Diazotization]	0.10	mg/dL	< 0.2	
- Indirect [Serum, Calculated]	0.29	mg/dL	0.1 - 1.0	
erum, UV with P5P, IFCC 37 degree]	14.9	U/L	< 35	
erum, UV with P5P, IFCC 37 degree]	11.6	U/L	< 50	
Phosphatase [PNPP-AMP Buffer/Kinetic]	115.0	U/L	30 - 120	
tein [Serum, Biuret, reagent blank end point]	8.1	g/dL	6.6 - 8.3	
[Serum, Bromocresol green]	4.7	g/dL	3.2 - 4.6	
[Serum, EIA]	3.40	g/dL	1.8 - 3.6	
D [Serum, EIA]	1.38		1.2 - 2.2	
GT(GGT)	20	U/L	<55	
[Serum, EIA] D [Serum, EIA]	3.40 1.38	g/dL	1.8 - 3.6 1.2 - 2.2	

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Patient Name : MRS. AMREETA DASH Age / Gender : 31 years / Female Patient ID : 9317

Referral : SELF

Collection Time : Feb 24, 2022, 09:04 a.m.

Reporting Time : Feb 24, 2022, 11:45 a.m.

Sample ID :



			22134901		
Test Description	Value(s)	Unit(s)	Reference Range		
COMPLETE BLOOD COUNT(CBC)					
BLOOD COUNTS					
Hemoglobin (Hb)	12.1	g/dL	11.0 - 16.0		
RED BLOOD CELL COUNT	5.1	mil/μL	4.5 - 5.5		
WHITE BLOOD CELL COUNT	6.9	thou/μL	4.0 - 10.0		
PLATELET COUNT	247	thou/µL	150 - 410		
RBC AND PLATELET INDICES					
HEMATOCRIT	39.2	%	37 - 50		
MEAN CORPUSCULAR VOLUME (MCV)	76	fL	76 - 96		
MEAN CORPUSCULAR HEMOGLOBIN (MCH)	24	pg	27 - 32		
MCHC	31	g/dL	30 - 35		
MEAN PLATELET VOLUM (MPV)	10.3	fL	6.0 - 9.5		
RDW-SD	44.2	fL	37 - 54		
RDW-CV	15.7	%	11.5 - 14.0		
PCT	0.25	%	0.17 - 0.40		
WBC DIFFERENTIAL COUNT					
Neutrophils	67	%	40 - 75		
Absolute Neutrophil Count	4.67	thou/µL	2.0 - 7.0		
Lymphocytes	27	%	20 - 45		
Absolute Lymphocyte Count	1.87	thou/μL	1.5 - 4.0		
Eosinophils	03	%	1 - 6		
Absolute Eosinophil Count	0.22	thou/μL	0.04 - 0.40		
Monocytes	03	%	02 - 10		
Absolute Monocyte Count	0.16	thou/μL	0.20 - 0.80		
Basophils	0	%	00 - 01		
Absolute Basophils Count	0.0	thou/μL	0.01 - 0.10		
IG%	0.3	%	0.00 - 0.5		

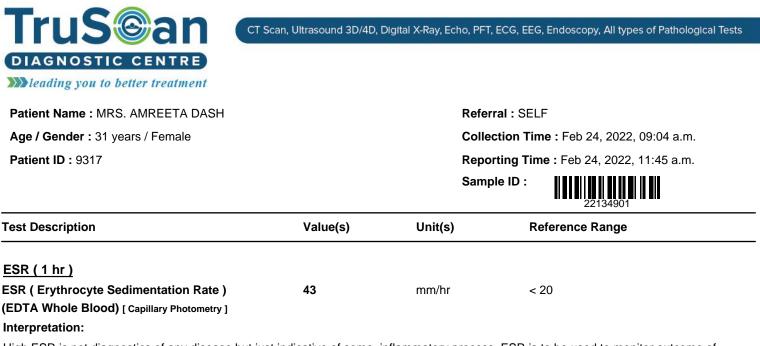
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High ESR is not diagnostics of any disease but just indicative of some inflammatory process. ESR is to be used to monitor outcome of therapy. Microcytic anemia can increase ESR. High ESR can also be seen in apparently healthy adults.

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Sample ID :

Patient Name : MRS. AMREETA DASH

Age / Gender : 31 years / Female

Patient ID: 9317

Referral : SELF

Collection Time : Feb 24, 2022, 09:04 a.m.

Reporting Time : Feb 24, 2022, 11:45 a.m.

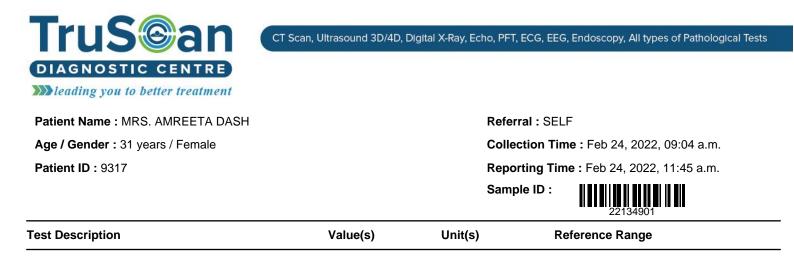
22134901

					22134901
Test Description		Val	ue(s)	Unit(s)	Reference Range
	SEDUM				
THYROID PANEL		135	. 1	ng/dl	80 - 200
T4 [ELECTROCHEMIL	-	9.63		ug/dL	5.1 - 14.1
		MILUMINESCENCE] 0.20		ulU/ml	0.27 - 4.20
Specimen Type : S			0	ulo/illi	0.27 - 7.20
Interpretation :					
Reference:					
	Clinical Chamiatry	nd Molecular Diagon	ation adito	h by Carl A Burtia E	dword B Ashwood Dovid E Prups 4th Edition
	-	nu molecular Diagno	ostics, earled	d by Call A Burlis, E	dward R.Ashwood, David E Bruns, 4th Edition,
Elsevier publication, 1314-1315.	, 2000, 303,				
	etation of Diagnostic	tests Oth Edition E	d Mary A M	illiamson and L. Mic	hael Snyder. Pub Lippincott Williams and Wilkins
2011, 234-235.	etation of Diagnostic		u ivialy A vv		
	SERUMTrijodothvro	nine T3 is a thyroid	hormone li	affects almost eve	ry physiological process in the body, including
	nt, metabolism, body	· · ·			
•	-		4) is activat	ed by thyroid-stimul	ating hormone (TSH), which is released from the
pituitary gland. Elev	-		.,	ou 29	
		d inhibit the producti	on of TSH.		
		•		m of all cells and tig	ssues in the body. Excessive secretion of
	y is hyperthyroidism				
-			thyroid horr	none in blood is bou	und to transport proteins. Only a very small
fraction of the circul	ating hormone is				
free and biologically	active.				
In primary hypothyro	oidism, TSH levels a	re significantly eleva	ited, while ir	n secondary and ter	tiary hypothyroidism, TSH levels are low.
Below mentioned an	re the guidelines for	Pregnancy related re	eference rar	iges for Total T4, T	SH & Total T3
Levels in	TOTAL T4	TSH3G	TOTAL	Т3	
Pregnancy	(µg/dL)	(µIU/mL)	(ng/dL)	
First Trimester	6.6 - 12.4	0.1 - 2.5	81 - 19	0	
2nd Trimester	6.6 - 15.5	0.2 - 3.0	100 - 2	60	
3rd Trimester	6.6 - 15.5	0.3 - 3.0	100 - 2	60	
Below mentioned an	re the guidelines for	age related referenc	e ranges foi	T3 and T4.	
Т3		T4			
(ng/dL)		(µg/dL)			
New Born: 75 - 260		1-3 day: 8.2 - 1			
		. 1 Week: 6.0 -			
		y normal euthyroid s	ubjects are	known to be highly	skewed, with a strong tailed distribution towards
higher TSH values.					
documented in the p	pediatric population i	including the infant a	ge group.		

Kindly note: Method specific reference ranges are appearing on the report under biological reference range

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Patient Name : MRS. AMREETA DASH Age / Gender : 31 years / Female Patient ID : 9317 Referral : SELF

Collection Time : Feb 24, 2022, 09:04 a.m.

Reporting Time : Feb 24, 2022, 11:45 a.m.

Sample ID :



			22104001
Test Description	Value(s)	Unit(s)	Reference Range
RENAL FUNCTION TEST (RFT)			
Urea [Uricase]	32.8	mg/dL	17 - 43
Blood Urea Nitrogen-BUN [Serum, Urease]	15.33	mg/dL	7 - 18
Creatinine [Serum, Jaffe]	0.63	mg/dL	0.57 - 1.11
Uric Acid [Serum, Uricase]	5.6	mg/dL	2.6 - 6.0
Sodium	140.8	mmol/L	136 - 149
			Premature, cord: 116-140
			Premature 48 hrs: 128-148
			Newborn cord: 126-166
			Newborn: 133-146
Potassium	4.37	mmol/L	3.8 - 5.0
			?Premature cord: 5-10.2
			Premature, 48 hrs: 3-6
			Newborn cord: 5.6-12
			Newborn: 3.7-5.9
Chlorides	104.4	mmol/L	101.00 - 109.00
Demonster			

Remark:

In blood, Urea is usually reported as BUN and expressed in mg/dl. BUN mass units can be converted to urea mass units by multiplying by 2.14.

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Patient Name : MRS. AMREETA DASH			Referral : SELF
Age / Gender : 31 years / Female			Collection Time : Feb 24, 2022, 09:04 a.m.
Patient ID: 9317	Reporting Time : Feb 24, 2022, 11:45 a.m.		
			Sample ID :
Test Description	Value(s)	Unit(s)	Reference Range
Routine Examination Of Urine			
General Examination			
Colour	PALE YELLOW		Pale Yellow
Transparency (Appearance)	Slightly Hazy		Clear
Deposit	Present		Absent
Reaction (pH)	Acidic 6.0		4.5 - 7.0
Specific gravity	1.015		1.005 - 1.030
Chemical Examination			
Urine Protein (Albumin)	TRACE		Absent
Urine Glucose (Sugar)	NIL		Absent
Microscopic Examination			
Red blood cells	NIL	/hpf	1 - 2
Pus cells (WBCs)	08 - 10	/hpf	1 - 2
Epithelial cells	08 - 10	/hpf	0-4
Crystals	Absent		Absent
Cast	Absent		Absent
Bacteria	Present (Few)		Absent
Yeast cells	Absent		Absent
Others	Absent		

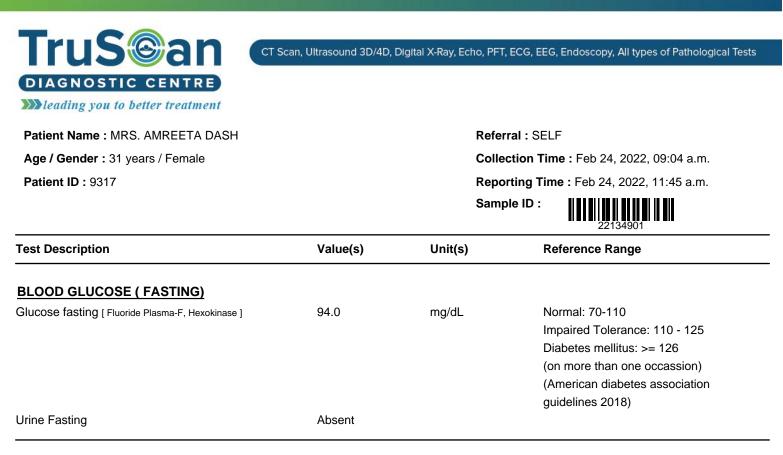
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