Name	: **Bruce**	Order ID	:
Age/Gender	: **40 / Male**	Registration Date	:
Patient ID	:	Collection Date	:
Barcode ID	:	Sample Receive Date	:
Referred By	:	Report Status	: Final Report
Sample Type	:	Report Date	: 27/Dec/2021 04:19PM

HAEMATOLOGY

GOOD HEALTH GOLD PACKAGE

Test Name	Result	Unit	Bio. Ref. Range	Method
Glycosylated Hemoglobin				
Glycosylated Hemoglobin (HbA1c)	5.4	%	4-5.6	HPLC - Cation Exchange
Estimated average glucose (eAG)	108.28	mg/dL	Mentioned Below	Calculated

Comment:
Interpretation: HbA1c%

≤5.6	Normal
5.7-6.4	At Risk For Diabetes
≥6.5	Diabetes

Adapted from American Diabetes Association.

Comments:- A 3 to 6 monthly monitoring is recommended in diabetics. People with diabetes should get the test done more often if their blood sugar stays too high or if their healthcare provider makes any change in the treatment plan. HbA1c concentration represent the integrated values for blood glucose over the preceding 8-12 weeks and is not affected by daily glucose fluctuation, exercise & recent food intake.
Please note, Glycemic goal should be individualized based on duration of diabetes, age/life expectancy, comorbid conditions, known CVD or advanced microvascular complications, hypoglycemia unawareness, and individual patient considerations.

Factors that interfere with HbA1c Measurement: Hemoglobin variants, elevated fetal hemoglobin (HbF) and chemically modified derivatives of hemoglobin (e.g. carbamylated Hb in patients with renal failure) can affect the accuracy of HbA1c measurements.

Factors that affect interpretation of HbA1c Measurement: Any condition that shortens erythrocyte survival or decrease mean erythrocyte age (e. g., recovery from acute blood loss, hemolytic anemia, HbSS, HbCC, and HbSC) will falsely lower HbA1c test results regardless of the assay method used. Iron deficiency anemia is associated with higher HbA1c.

Note: Presence of Hemoglobin variants and/or conditions that affect red cell turnover must be considered, particularly when the HbA1c result does not correlate with the patient's blood glucose levels.

• HPLC - High performance liquid chromatography

Kindly correlate clinically
Results relate only to the sample, as received

Dr. Sindu N
MD (Pathology)

Name	: **Bruce**	Order ID	:
Age/Gender	: **40 / Male**	Registration Date	:
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Sample Type	:	Report Date	: 27/Dec/2021 03:53PM

BIOCHEMISTRY

Bruce	**GOOD HEALTH GOLD PACKAGE**			
Test Name	**Result**	**Unit**	**Bio. Ref. Range**	**Method**
Lipid Profile				
Cholesterol	174	mg/dL	Desirable <200, Borderline High 200 - 239, High >=240	Enzymatic
Triglycerides	**162**	mg/dL	Normal: < 150, Borderline: 150 - 199, High:200 - 499, Very High >=500	Glycerol Phosphate Oxidase
HDL Cholesterol	**29**	mg/dL	40 - 60	Accelerator Selective Detergent
LDL Cholesterol	**112.60**	mg/dL	Desirable: <100 Above desirable: 100 - 129 Borderline high : 130 - 159 High : 160 - 189 Very high : >=190	Calculated
VLDL Cholesterol	**32**	mg/dL	10 - 30	Calculated
Cholesterol : HDL Cholesterol	6.0	Ratio		Calculated
HDL/LDL Ratio	0.26	Ratio		Calculated
LDL/HDL Ratio	3.88	Ratio		Calculated
Non-HDL Cholesterol	**145.00**	mg/dL	Desirable:< 130, Above Desirable:130 - 159, Borderline High:160 - 189, High:190 - 219, Very High: >= 220	Calculated

Kindly correlate clinically
Results relate only to the sample, as received

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