


Mr. AGAMREDDY		Collected : 17-02-2024 14:30	Lab ID : 40200403681
DOB :		Received : 17-02-2024 23:16	Sample Quality : Adequate
Age : 24 Years		Reported : 18-02-2024 11:10	Location : BANGALORE
Gender : Male		Status : Final	Ref By : SELF
CRM : 223002426750			Client : Mind and Brain Hospital -BS9438

Parameter	Result	Unit	Biological Ref. Interval
Random Blood Glucose,Plasma GOD-POD	87.60	mg/dL	Normal: =<140 Pre-Diabetic: 140-199 Diabetic=>200

Clinical significance:-

Sometimes a random blood sample may be drawn and glucose measured when you have not fasted, for example, when a comprehensive metabolic panel (CMP) or basic metabolic panel (BMP) is performed. A random blood glucose may also be used to screen for diabetes. However, if a random glucose result is abnormal, it is typically followed by a fasting blood glucose test or a glucose tolerance test (GTT) to establish the diagnosis.

Vitamin B12, Serum CLIA	L 58.00	pg/mL	120-914
-----------------------------------	---------	-------	---------

Clinical significance:

Vitamin B12 (cobalamin) is necessary for hematopoiesis and normal neuronal function. The body uses its vitamin B12 stores very economically, reabsorbing vitamin B12 from the ileum and returning it to the liver; very little is excreted. Vitamin B12 deficiency may be due to lack of IF secretion by gastric mucosa (eg, gastrectomy, gastric atrophy) or intestinal malabsorption (eg, ileal resection, small intestinal diseases). Pernicious anemia is a macrocytic anemia caused by vitamin B12 deficiency that is due to a lack of IF secretion by gastric mucosa. Serum methylmalonic acid and homocysteine levels are also elevated in vitamin B12 deficiency states.