

ADVANCE DIAGNOSTICS CENTRE

C1-C2/17A, NEAR NIHARIKA TALKIES KORBA- 495677

PH-09228333 MOBILE-9300888178

NAME : MR MD. SALAUDDIN 63 Years / Male Reg No. : 6857

Ref. By : . AVINASH TIWARI Reg. Date : 27/03/2022 10:42AM

Address : KORBA Collected At : MedZone Center

INVESTIGATION REPORT

CLINICAL BIOCHEMISTRY

TEST RESULT UNIT BIOLOGICAL REF RANGE TEST METHOD

Serum Creatinine

Sample Type : SERUM

Serum Creatinine : **1.63** mg/dl 0.6-1.4 Alkaline Picrate

--- End Of Report ---

Sample Registered On : 27/03/2022 10:42AM

Sample Received On : 27/03/2022 11:59AM

Report Released On : 27/03/2022 02:34PM

Sample Barcode: Checked By:tulesh

Dr. VANDANA CHANDANI



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INVESTIGATION REPORT

HAEMATOLOGY

TEST RESULT UNIT BIOLOGICAL REF RANGE TEST METHOD

Platelet Count

Sample Type : WB - EDTA

Platelet Count : **133000** /cumm 150000-450000 Cell Counter

PT (Prothrombin Time with INR)

Sample Type : PLASMA -Na Citrate

PT-Patient Value : 24.5
PT-Control Value : 13.5
ISI : 1.1
PT-Ratio : 1.81

PT-INR : 1.93 in normal subjects 0.8-1.1

Patients on anticoagulants 2

- 3

The prothrombin time is the time it takes plasma to clot after addition of tissue factor (obtained from animals). This measures the quality of the extrinsic pathway (as well as the common pathway) of coagulation. The prothrombin time (PT) and its derived measures of prothrombin ratio (PR) and international normalized ratio (INR) are measures of the extrinsic pathway of coagulation. They are used to determine the clotting tendency of blood, in the measure of warfarin dosage, liver damage, and vitamin K status. The speed of the extrinsic pathway is greatly affected by levels of factor VII in the body. Factor VII has a short half-life and its synthesis requires vitamin K. The prothrombin time can be prolonged as a result of deficiencies in vitamin K, which can be caused by warfarin, malabsorption, or lack of intestinal colonization by bacteria (such as in newborns). In addition, poor factor VII synthesis (due to liver disease) or increased consumption (in disseminated intravascular coagulation) may prolong the PT.



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