

DEPARTMENT OF LABORATORY MEDICINE

Patient Name	MUHAMMAD SOHAIB ASHRAF	Sample Date	02/11/2022 5:32PM
Age/Gender	37 Yrs/Male	Report Date	02/11/2022 8:13PM
Reg No	900488788	Lab No	53585620
Bed No/Ward	OPD	Report Stage	Final
Referred By		Test Priority	Routine
Doctor	Dr. Mohamed Shafeeqe	Collection Center	

Test	Result	Units	Reference	Method
BIOCHEMISTRY				
C-Reactive Protein	H 12.04	mg/L	< 5	Prt.Enh Turbidimetric

Sample Type: Serum**INTERPRETATION**

C-reactive protein is the classic acute phase protein in inflammatory reactions. CRP is the most sensitive of the acute phase reactants and its concentration increases rapidly during inflammatory processes. Complexed CRP activates the classical complement pathway. The CRP response frequently precedes clinical symptoms, including fever. In normal healthy individuals CRP is a trace protein with a range up to 5 mg/L. After onset of an acute phase response the serum CRP concentration rises rapidly and extensively. The increase begins within 6 to 12 hours and the peak value is reached within 24 to 48 hours. Levels above 100 mg/L are associated with severe stimuli such as major trauma and severe infection (sepsis).

Measuring changes in the concentration of CRP provides useful diagnostic information about how acute and how serious a disease is. It also allows judgements about the disease genesis. Persistence of a high serum CRP concentration is usually a grave prognostic sign which generally indicates the presence of an uncontrolled infection.

--End Of Report--

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