



BML518849

Laboratory Investigation Report

Name	: Mr. AUNG MYO ZIN	Ref No.	: 32986
DOB	: 01/05/1986	Sample No.	: 2501531514
Age / Gender	: 38 Y / Male	Collected	: 29/01/2025 18:00
Referred by	: Dr. AMAIZAH	Registered	: 29/01/2025 18:00
Centre	: CITICARE MEDICAL CENTER	Reported	: 29/01/2025 18:50

BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
C-REACTIVE PROTEIN (CRP)	2.5		mg/L	< 5.0 Please note change. Source: Roche IFU.	Particle-enhanced immunoturbidimetric assay

INTERPRETATION NOTES :

- CRP measurements are used as aid in diagnosis, monitoring, prognosis, and management of suspected inflammatory disorders and associated diseases, acute infections and tissue injury.
- 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. The CRP response frequently precedes clinical symptoms, including fever. 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).
- CRP response may be less pronounced in patients suffering from liver disease.
- CRP assays are used to detect systemic inflammatory processes (apart from certain types of inflammation such as systemic lupus erythematosus (SLE) and Colitis ulcerosa); to assess treatment of bacterial infections with antibiotics; to detect intrauterine infections with concomitant premature amniorrhexis; to differentiate between active and inactive forms of disease with concurrent infection, e.g. in patients suffering from SLE or Colitis ulcerosa; to therapeutically monitor rheumatic disease and assess anti-inflammatory therapy; to determine the presence of post-operative complications at an early stage, such as infected wounds, thrombosis and pneumonia, and to distinguish between infection and bone marrow transplant rejection.

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M.D (Pathology)
Pathologist

Vyoma V. Shah
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Clinical Pathologist

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This is an electronically authenticated report

Page 1 of 2

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Test result pertains only to the sample tested and to be interpreted in the light of clinical history. These tests are accredited under ISO 15189:2012 unless specified by (^). Test marked with # is performed in an accredited referral laboratory.





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IMMUNOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
RHEUMATOID FACTOR (QUANTITATIVE)	< 11.27		IU/mL	< 14.0 Please note change. Source: Roche IFU.	Immunoturbidimetry

INTERPRETATION NOTES :

Rheumatoid factors (RF) are a heterogeneous group of autoantibodies that are associated with the diagnosis of rheumatoid arthritis (RA), but can also be found in other inflammatory rheumatic and nonrheumatic conditions. This is a presumptive test, confirm with Anti-CCP test if needed. Clinical diagnosis should not be made on the findings of a single test result, but should integrate both clinical and laboratory data.

Sample Type : Serum

End of Report

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