

Patient Name : Ms Dummy  
DOB/Age/Gender : 29 Y/Female Bill Date : Feb 07, 2024, 09:15 AM  
Patient ID / UHID : XXX Sample Collected : Feb 07, 2024, 09:28 AM  
Referred By : Dr. Sample Received : Feb 07, 2024, 12:34 PM  
Sample Type : Serum Report Date : Feb 07, 2024, 01:20 PM  
Barcode No : XXX Report Status : Final Report

Test Description	Value(s)	Unit(s)	Reference Range
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**BIOCHEMISTRY REPORT****Bile Acids Total**

Bile Acids-Total 7.008  $\mu\text{mol/L}$  2 - 10  
Method : (Serum,Enzymatic)

**Interpretation:****Note**

1. Normal values for serum bile acids and transaminases may occasionally be seen, women with persisting pruritus and normal bile acids / ALT should have repeat tests every 1-2 weeks
2. Following meals, 2-5 fold increase in bile acid levels can be observed
3. Results should be interpreted with caution in Ursodeoxycholic acid (UDCA) treated patient as UDCA itself is a bile acid and may get measured by this assay
4. For patients treated with UDCA- LCMS/MS is recommended method for monitoring response to treatment

**Comments**

Total bile acids are metabolized in the liver and can serve as a marker for normal liver function. Increases in serum bile acids are seen in patients with Acute Hepatitis, Chronic Hepatitis, Liver Sclerosis, Liver Cancer, and Intrahepatic Cholestasis of Pregnancy (ICP). ICP can lead to increased risk of fetal distress, preterm delivery and even still birth. The risk of fetal complications seem to correlate with maternal serum bile acid levels at a critical threshold of 40  $\mu\text{mol/L}$  in fasting and 100  $\mu\text{mol/L}$  in post prandial state.

Disclaimer: This is a sample report. The method and reference range in the actual report might vary as per lab accreditation or certification and equipments where sample is processed.

*Sohini Sengupta*

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Booking Centre :- HOME COLLECTION - NOIDA - F10166  
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All Lab results are subject to clinical interpretation by qualified medical professional and this report is not subject to use for any medico-legal purpose.

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Dummy Report