

Patient Name	:		Bill Date	:	
DOB/Age/Gender	:		Sample Collected	:	
Patient ID / UHID	:		Sample Received	:	
Referred By	:		Report Date	:	
Sample Type	:		Report Status	:	
Barcode No	:				

Test Description	Value(s)	Unit(s)	Reference Range
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BIOCHEMISTRY REPORT

Bile Acids Total

Bile Acids-Total	10.63	µmol/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 µmol/L in fasting and 100 µmol/L in post prandial state.



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