

# Bile Acids

 for **Rebecca Stein**

Accession #T044383

Authorizing Clinician	Patient	Received Samples	Reported
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## Bile Acids (#108)

Parameter	Result	Reference Range	Units
<b>Urinary Bile Acids</b>	<b>10.1</b>	11.0 - 34.0	umol/g

Bile acids are synthesized by liver cells from cholesterol. They are then stored in the gallbladder after conjugation. After entering the intestinal lumen subsequent to gallbladder contraction, bile acids are reabsorbed in the ileum and cleared from the portal circulation on the first pass through the liver. Elevated bile acids in urine represent bile acids that were not cleared by the liver, indicating liver dysfunction. A low level of bile acids is suggestive of inflammatory bowel disease, chronic malabsorption, diarrhea, or starvation.