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## CALCULI ANALYSIS

**Synonym(s):**

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|                                 |   |
|---------------------------------|---|
| <b>Lab Section Category</b>     | <b>Clinical Biochemistry</b><br>Click here to find out more about the <b>write-up</b> ( <a href="/clinical-departments-centers/pathology/pathology-handbook/lab-discipline-special-instructions/pages/clinical-biochemistry.aspx">/clinical-departments-centers/pathology/pathology-handbook/lab-discipline-special-instructions/pages/clinical-biochemistry.aspx</a> ).  |
| <b>Specimen Required</b>        | Entire calculi (urinary/biliary) in plain sterile container.  |
| <b>Storage and Transport</b>    | Calculi should be dry without any preservative or liquid.<br>Send the calculi at ambient temperature.   |
| <b>Method</b>                   | Fourier Transform Infrared Spectroscopy (FT-IR)   |
| <b>Reference Interval/Value</b> | Calculi components which are potentially clinically relevant are reported.<br>Calculi matrix components are not reported.<br><br><b>An example of a bladder calculi report shows:</b><br>Calculi, Urinary:<br>Uric acid (70%)<br>Calcium oxalate (30%)<br>Calculi analysis performed by FT-IR method<br>Calculi components which are potentially clinically relevant are reported.<br>Calculi matrix components are not reported. |
| <b>Turnaround Time</b>          | Mean = 7 days, Range: 3 - 11 days   |
| <b>Day(s) Test Set up</b>       | Monday - Friday   |
| <b>Remarks</b>                  | Indicate source of the calculi (e.g Bladder stone, Gall stone)  |

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### Change History Notes

- **20 Mar 2017 10:46 AM**  
Method and Reference Intervals have been last updated on 20 Mar 2017.

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