
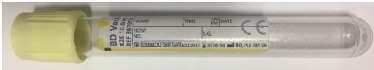


Gastrin (Gut Hormones)

Synonyms	
Clinical Indication	<p>Used in diagnosis of the Zollinger-Ellison syndrome (along with proven excessive gastrin secretion) and the investigation of other GI peptide producing tumours. Forms part of the gut hormone profile. This of particular interest in patients with persistent ulcer symptoms and also those with suspected familial multiple endocrine neoplasia type 1.</p> <p>Please provide details of all drugs currently administered, details of any gastric surgery, basal and stimulated acid output.</p>
Part of Profile / See Also	Gut Hormone profile
Request Form	Combined Pathology manual Blood form or ICE request
Availability / Frequency of Analysis	Referral test: analysed by Clinical Biochemistry, Charing Cross Hospital, London, if specific criteria met. 8763
Turnaround Time	1 month
Patient Preparation	<p>Patient should be fasting. H2 antagonists should be stopped for 72 hours, and omeprazole for 2 weeks. Patients must attend Basildon or Southend Hospital phlebotomy for sample collection. Sample must be taken to the laboratory immediately. Samples received that are > 30 minutes old may not be processed.</p>
Sample Requirements	
Specimen Type	Plasma
Volume	2 ml
Container	 <p>Large Green top (Lithium Heparin) tube.</p> <p>OR</p>  <p>Lemon top (EDTA)</p> <p>Samples must be transported to laboratory immediately.</p>
Reference Range & Units	0 – 40 pmol/L
Interferences	See patient preparation
Interpretation & Clinical Decision Value (if applicable)	Full interpretation provided with the referral report.
References	Imperial Hospital Pathology Test Directory – Gastrin
Test code	GAS (Gastrin) GUT (Gut Hormone)

Lab Handling

Centrifuge and aliquot within 30 minutes (max 1 hour) of venepuncture into two tubes and store in the frozen referrals rack at -20°C. Ensure the sample type is written on the aliquot. Sent frozen by courier to Charing Cross Hospital.



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ISO 15189:2012