Who we are

Majority owned by the NHS, but with the commercial freedom to invest in innovation, Viapath are on a mission to transform pathology services in the UK. We provide pathology services to the NHS, private hospitals and other organisations both across the country and internationally.

What we do

All our laboratories are either accredited or working towards accreditation by UKAS to ISO15189. To view our laboratory accreditation status please follow this link:
http://www.viapath.co.uk/about-viapath/quality-and-governance/accreditations

TEST OVERVIEW

Description
Gilbert’s syndrome is a benign form of unconjugated hyperbilirubinaemia. The majority of the cases are attributed to a polymorphic variant (TA repeats) in the promoter of the UGT1A1 gene in which 7 copies (TA)7 exist instead of the usual six. The (TA)7 variant is associated with increased bilirubin levels in otherwise healthy individuals, who are at risk of developing gallstones at an early age. Gilbert’s syndrome is found in individuals with the 7/7 genotype, which can impact on a patient’s health if inherited in combination with disorders of high red cell turnover, such as sickle cell disease and thalassaemia. Individuals with an unexplained raised bilirubin (>20 µmol/L in the serum) would benefit from the investigation of Gilbert’s syndrome. The size of the TA dinucleotide repeats in the promoter of the UGT1A1 gene is assessed by a high resolution genotyping assay.

Clinical details
Factors affecting results or interpretation: Presence of heparin anticoagulant will inhibit PCR applications. Clotted samples are unsuitable for DNA analysis.

Department
Molecular Pathology Department

Laboratory
Red Cell Centre - Molecular Diagnostics Laboratory

Location
Viapath at King’s College Hospital

ORDERING INFORMATION

Sample type and Volume required
Volume of blood anticoagulated with EDTA: Adult (16 years and above) 5 mls Children (2-15 years) 5 mls Infants (0-2 years) 2 mls Presence of heparin anticoagulant will inhibit PCR applications. Clotted samples are unsuitable for DNA analysis.

Turnaround time
10 working days

Storage and transport
Blood should be stored at 4°C where possible. Send at room temperature by first class post. If possible, please complete the request form attached and send as a hard copy (do not send electronically) with the sample. This will ensure all relevant information is available and will aid us in processing your test.

Time limit
5 years

Contacts
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c/o Central Specimen Reception
Blood Sciences Laboratory
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King’s College Hospital
Denmark Hill
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020 7188 7188 (54109)
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How can we help?

We have a number of partnering options to suit your needs, whether you require this specific test or a range of services, we are here to help. Contact one of our friendly Business Development Managers for more information, or visit our website.