Wessex Genomics Laboratory Service (WGLS)
Pharmacogenomics - Sample Requirements

Sample Types and specimen containers

- **Peripheral blood (PB)** in EDTA is required for pharmacogenomics testing. Please send 2-3mls in EDTA.

Identification of the tube and order form

Specimen containers must have **at least** three points of legible ID which match the accompanying request form to be accepted by the laboratory. Label the tube with surname and first name, date of birth as a minimum, as well as date of withdrawal. The laboratory reserves the right to refuse to accept and/or process samples with incomplete, illegible or ambiguous patient information.

Please send a completed referral form with all samples.

Please ensure direct contact details for the consultant in charge of patient care and the medic collecting the samples is recorded.

Transport and Mailing

Sample and referral card should be sent **together** in a secure leakproof package (hard cardboard box not a padded envelope) according to UN P650 packaging instructions, to arrive as soon as possible after collection.

All samples should be sent directly to the Wessex Genetics Laboratory Services – Southampton or Salisbury by guaranteed next day delivery, courier service, hospital transport, etc.

Laboratory testing is coordinated within the Genomic Laboratory Hubs (GLH) with some services being provided within the Central and South (C&S) GLH. On occasion, testing is sent external to the C&S GLH.

CYP2C19 Eligibility/Cost

This service is only available for new stroke patients that are not yet on clopidogrel. The requestor must confirm this on the referral form for each patient request.

Please note it is not currently recommended by NICE to retrospectively test patients who are already taking clopidogrel; these requests with be declined by the laboratory. The laboratory is also currently unable to test patients for CYP2C19 genotyping for other indications.

CYP2C19 testing is not yet nationally commissioned and so a tariff of £65 per test will be charged to service users

Further advice

Please do not hesitate to contact the laboratories for any advice regarding sample types.

WGLS Salisbury	WGLS Southampton
02381 207100	02381 206638
shc-tr.wrgldutyscientist@nhs.net	wgls_cancergenomics@uhs.nhs.uk