

PHARMACOGENETICS SAMPLE HANDLING INSTRUCTIONS

TESTS AVAILABLE

HLA-B*5701
UGT1A1¹
CYP2B6²

¹ *28 polymorphism ² Position 516 G>T polymorphism

SAMPLES

Whole blood samples should be collected in 4ml EDTA tubes (plastic). **Do not send plasma.** The minimum blood sample volume is 1 ml. Please do not overfill tubes and allow for expansion if the sample has to be frozen (see below).

SAMPLE STORAGE

If collection and transport of the samples is to occur within 5 days then the samples should be kept at an ambient temperature prior to transport. If transport is to be later than 5 days after collection, blood samples should be stored between -20°C & -40°C (**NOT** -70°C), packed whilst frozen and allowed to thaw in transit.

TEST REQUEST FORM

Please complete the sample request form and ensure that the samples are anonymised and that the full name of the patient does not appear on the form or the sample tube(s). Do not staple the form to sample bags as it presents a hazard in the laboratory. The form is available from Lab21 Customer Services.

TRANSPORT

We are a member of the DX network, and samples sent using DX should be sent Monday-Thursday. Samples may also be sent using First Class post as long as all the requirements for the packaging of diagnostic specimens and, where relevant, dry ice are met. If you use First Class Post, please send samples early in the week (Monday-Wednesday) so that packages will not remain in transit or storage over the weekend. Packaging can be returned to you by prior arrangement.

Studies have shown that samples may remain at room temperature for up to 6 weeks with no effect on DNA integrity, allowing overnight transportation without the need for packing on dry ice.

RESULTS

Samples will be analysed as soon as possible and within 5 days (HLA-B*5701 and CYP2B6) and 7 days (UGT1A1) of sample receipt. Panels containing UGT1A1 will be reported concurrently at 7 days. Results will be emailed as PDF files to the recipients nominated on the Account Set-Up Form.

DELIVERY ADDRESS AND CONTACT DETAILS

1st Class post

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Cambridge, CB4 0GA

DX

Lab21
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Customer Services

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