

Ordering **WES** (Whole Exome Sequencing) Test

Any questions, please contact ATGC: mobile 0466 713 351
 Email atgpg@qut.edu.au, or phone 3443 7280.

Send the WES tumour sample, EDTA blood and signed consent form to the PAH Anatomical Pathology Laboratory along with any regular histology samples.

Consent Form

- Complete a Consent Form with the patient (Hyperlink: [Informed Consent for Paired Tumour / Germline Gene Testing \(QIS 34575, version 3\)](#))
[Informed Consent for Paired Tumour / Germline Gene Testing \(QIS 34575, version 3\)](#))

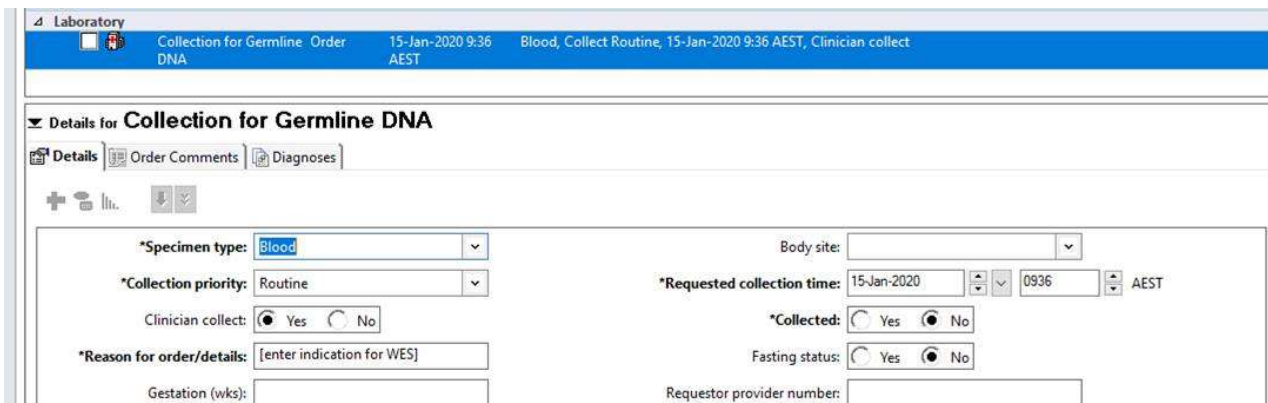
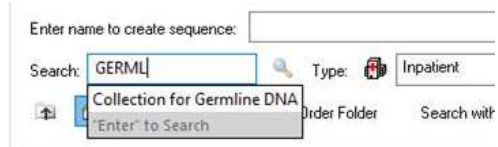
NOTE: Do not use photocopied consent templates – please email atgpg@qut.edu.au for more copies.

- Affix patient labels to each page.
- SEND ORIGINAL CONSENT FORM TO CSR.** The consent form can be sent on its own.
 (Take a photocopy to send for scanning into iEMR)
- To organise consenting of patients, please **phone Lisa Waugh/ATGC: 0466 713 351.**

Blood sample

Ordering the paired Germline **Blood** sample for Whole Exome Sequencing.

- In Cerner iEMR, go to the Pathology Order Request page
- Search for test code **GERML** (Collection for Germline DNA), and select.



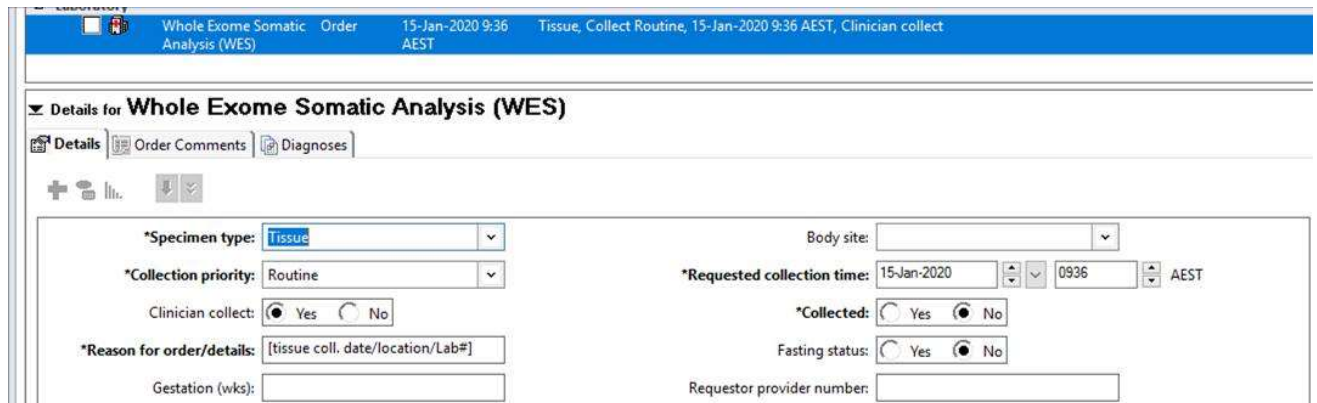
- Specify sample type as "**Blood**".
- Tick the 'clinician collect' box.
- Save the test.

10. 1x mauve top EDTA blood sample is required for testing (only **ONE** tube required).
11. Refer to instructions on Sample collection packet and pot. Sample collection kits are available at Perioperative Theatre Reception, or please phone 0466 713 351.
12. Label blood tube with sample label.
13. Proceed to place WES test code order.

Tumour Tissue

Ordering the paired Tumour **TISSUE** sample for Whole Exome Sequencing.

1. In Cerner iEMR, go to the Pathology Order Request page
2. Search for test code **WES** (Whole Exome Somatic Analysis), and select.

3. **Specify the sample type as “Tissue”**
4. In the comment section, if tissue is not being collected specifically for WES, please specify the specimen to be tested (e.g. Pathology Block ID, Tissue collection date or other location such as SNPath, if known).
5. Tick the clinician collect tick box.
6. Save the test.
7. Print the request form.
8. Tumour Sample approx. 3 – 5 mm³ (Fresh in RNA-Later solution) to be labelled with an ieMR sample label.
9. Sample collection kits are available at perioperative reception and some wards. Please contact ATGC on 0466 713 351 if you would like kits stocked at your ward.