

Sanger Sample Submission Guide - July 2025

Some notes before you begin the online LabLink submission process:

- New users must register and be approved before samples can be submitted online.
- Only institute, company or student emails will be accepted when applying for a user ID i.e. no gmail etc.
- Duplicate sample names are not allowed.
- Sample names can only have alphanumerical characters or underscores. No spaces or special characters are allowed.
- Have note of our quote number and either the purchase order number or UNSW account code as it will be required to complete the form. If you have paid in advance, please provide brief details.

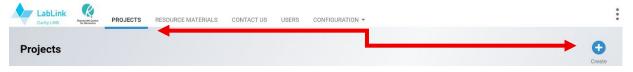
Submitting Samples Online Using LabLink:

- 1. Navigate to the LabLink sample submission portal: https://ramaciotti.claritylims.com/lablink/login
- 2. Log in using your User ID and password.
- 3. Within the **RESOURCE MATERIALS** tab, download the matching Sanger Sample Submission Sheet for your submission type (tubes/plate). If in doubt, contact us ramaciotti@unsw.edu.au.



RESOURCE MATERIAL tab

- **4.** Complete the form in full. Enter your billing details into the Sanger online submission sheet
- 5. Once complete, save a copy of the form.
- 6. Return to LabLink submission portal. Click on the **PROJECTS** tab. Then click on the **Create** button.



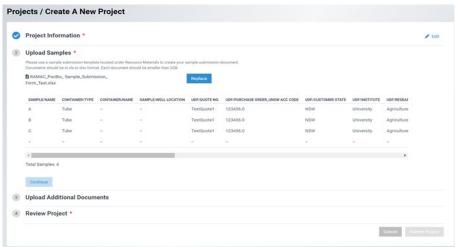
Samples are submitted via the PROJECTS tab, "Create" button

- **7.** Give your project name. This should be unique to allow you to differentiate between any other future and past submissions.
- 8. In the Workflow dropdown box, you will need to select 'Sanger'. Click Continue.



 $Home\ screen\ for\ creating\ a\ new\ project/sample\ submission.$

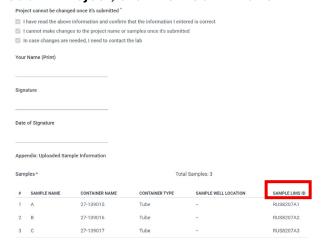
9. Upload the completed saved submission form. Click Continue.



Once uploaded, the submission sheet's sample information can be reviewed.

If you have any additional documentation, you can upload the document in the Upload Additional Documents section.

10. After clicking on Submit Project, click View Confirmation.



The confirmation form includes the LIMs sample IDs assigned to the project

Physical submission labelling:

- **If submitting samples in tubes:** Please clearly label your tubes on both the top and side of the tube, with the corresponding sample LIMS ID (e.g. RUS8207A1).
- If submitting samples in plates: Plates should be labelled with the overarching LIMS project ID and the container name as referred to in your submission form e.g. RUS8204 plate 1, RUS8204 plate 2.
- Any <u>sequencing primer aliquots</u> need to be labelled according to the information provided in the online submission form and provided at 10uM concentration.

Sanger Sequencing Results QC:

PhredQ20 scores for each sample are provided in the Lablink project: Samples tab



Sanger Sequencing Results download:

Go to the Results and Documents tab to download the sanger sequencing results for your project. Sample results can be downloaded individually or as a project zip file.

Each sample results folder contains an ABI format chromatogram, QUAL file and SEQ file.

