

Helios Acquisition Template Instructions

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It is critical to input your information into this template accurately as we are now loading the template you provide directly into Helios acquisition software. Operators will no longer be entering labels manually. This is being done to minimize input error, to improve efficiency, and to go paperless. Please DO NOT bring paper printout to your reservation. You MUST have a template uploaded to your iLab reservation in order for the acquisition to proceed.

1. This template has locked fields in order to preserve the correct format that is compatible for loading into the Helios software.
2. Enter your marker name under the "Target" column next to the metal tag. Leave the field blank if no marker used.
3. Please do not use any special characters except for underscores. Special characters are incompatible with Helios software and your template will be unreadable.
4. For channels containing EQ beads please enter marker name first followed by "-EQ". For example, "CD11b-EQ". This is the only exception to the special character restriction. EQ beads are detected in 140, 151, 153, 165, and 175.
5. If you require the 106, 110 or 113 channels, select your specific metal from the pulldown fields as needed: Pd/Cd 106, Pd/Cd 110, In/Cd 113.
6. If natural-abundance Cis-Platin was used as viability stain, signals will be present in 194(32.9%), **195(33.8%)**, 196(25.2%), 198(7.4%). Enter label as natCisPt.
7. If DCED-Pd was used as viability stain, signals will be present in 102(1.0%), 104(11.1%), 105(22.3%), **106(27.3%)**, 108(26.5%), 110(11.7%). Enter label as DCED-PD
8. 191Ir and 193Ir are conventionally labelled as DNA1 and DNA2, respectively. You may edit this if you wish.
9. Please save your template as ClientName_StudyName_YYYYMMDD.xlsx