**Sample checklist**

Write down your criteria to check that the sample are optimal before proceeding to data acquisition.

Check with the user that the criteria are met.

* The samples are correct.
* The controls are relevant.
* The samples or the procedure to prepare the samples were checked by an expert scientist.
* The sample quality is optimal.
* In case the sample quality is suboptimal, both staff and user are informed. The user was discouraged to use such sample and the samples were redone.
* In case samples cannot be redone, the user was informed what consequences the sample quality will have on data interpretation and decide if the experiment should continue.