

CLEANING PROCEDURE FOR 96 WELL PLATES

ADAPTED FROM THE BONNET TEAM PROTOCOL REPOSITORY

CLEAN RECOMMENDATION:

96 wells plate should be immediately cleaned after usage (at least in the 48h). Afterward cells tend to precipitate and it starts to be trickier to clean them well. If 96 well plates are stored for a long time before cleaning, it is important to carefully control the plate after cleaning. Do not hesitate to throw plate which are not perfectly clean (and white).

PROTOCOL:

Cleaning procedure:

- 1 - Throw the liquid culture from the plate in a bucket and add bleach to it. After 30min, throw the liquid in the sink and clean the bucket and the sink.
- 2 - Place the plate in a bucket and add bleach mix to water to completely fill the plate. Wait 30min for complete decontamination of the plate. (do not wait several days, it obstructs the sink and the plate will turn yellow with time)
- 3 - Remove the bleach.
- 4 - Clean the plate with water, repeat this step twice. You can use the tap to add water specifically to each well. Remove as much as possible liquid from the plate between two rounds of cleaning by manually shaking the plate.
- 5 - Clean the plate with deionized water, repeat this step twice.
- 6 - Clean the plate with ethanol, repeat this step twice.
- 7 - Remove liquid from the plate and let it dry on paper in the reverse orientation during at least one day (depending on the external temperature and humidity percentage).
- 8 - Control the quality of the cleaning, if the plate is not perfectly clean: throw it, if it is clean, place it on the shelf with its friends.

Autoclave procedure :

- 1 - Find two buddies.
- 2 - Pack plates with aluminum and add autoclave tap on each of them (one buddy to prepare aluminum, one to pack and one to add the tap).
- 4 - Place the prepared plates on the kitchen table.