

# Cleaning of counterslides and maintenance of the slide tub

## Cleaning procedure for counterslides

Counterslides can be cleaned after each run. Printing might come off the slides when treated incorrectly. By using the following cleaning protocol, this can be prevented and the slides can be kept in good conditions:

1. Rinse the counterslides with water.
2. Put counterslides in 2-3% hydrogen peroxide solution for 10 min up to 2-4 hours at room temperature.

This step should remove cellular debris sticking to the counterslides.

3. Rinse the counterslides with deionized water.
4. Rinse counterslides with 100% ethanol or methanol and dry them at room temperature or up to 50°C.

Note: The alcohol used should not contain any oily denaturing agent which might form a film on the counterslide.

5. Store the cleaned counterslides at an appropriate, RNase free place (e.g. plastic box).

## Maintenance of the slide incubation tub

The slide incubation tub is made of Teflon coated stainless steel. However, long term exposure to salt might cause corrosion regardless of the Teflon coating. To prevent this, the tub should be cleaned after each run.

1. Remove the frame holding the slide holders from the tub. Rinse it with deionized water and allow it to dry.
2. Flush the slide tub twice with ~250ml deionized water. Briefly rinse it and dry it upside down. If necessary, rinse the outside of the tub as well.

Note: Under no circumstances put the slide tub in the dishwasher!