

GLASS COVERSLIP SILANIZATION
(for 3 racks, 12 coverslips each)

Turn the oven on HIGH setting @160°C

Use **3-aminopropyl-trimethoxysilane (Sigma-Aldrich, #281778-100ml)**

0.5% silane in H_2O^{dd} (1ml in 200ml, in 1st beaker, with stir-bar, on stir-plate). **Use a glass pipette to draw silane!**

Soak for 10 min while stirring (1st beaker)

Dip & wiggle 3 times in H_2O^{dd} (2nd & 3rd beaker)

Soak for 10 min in H_2O^{dd} while stirring (4th beaker)

Place finished rack on glass plate

Continue the same way with remaining 2 racks

Put glass plate with 3 racks into oven

Dry for 1hr @160°C

Place dried racks directly into dessicator and wait ~30 min to cool off

If not using immediately, store in same dessicator

NOTE: Pour all silane waste in glass bottle marked “alkylating waste” and record quantity on the sheet. Always wear gloves!

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