Treatment of Solutions

Liquid and Agar solutions, prepared by the users and transferred to the Sterilization Facility, are sterilized by autoclaving: 121°C during 20 minutes.

- **500ml, 1L and 2L solutions:**

  Daily collection, sterilization and distribution:

  - Collection between **7:00AM and 8:00AM:**
    - Sterilization in the morning
    - Distribution between **1:00PM and 1:30PM**

  - Collection between **1:00PM and 1:30PM:**
    - If sterilization is performed in the afternoon
    => Distribution **the next day in the morning**
    - If sterilization is performed the day after in the morning
    => Distribution **the next day in the afternoon**

- **100 and 250ml solutions:**

  Collection, sterilization and distribution twice weekly, on Tuesdays and Thursdays:
  Storage at 4°C until treatment

  - Collection between **7:00AM and 8:00AM and between 1:00PM and 1:30PM.**
    - Sterilization in the afternoon (at 2:00PM the latest)
    - Distribution around **4:00PM**

**NB:** In case of low demand, the Facility reserves the right, with the previous agreement of the users concerned, to move the sterilization of solutions to the next treatment day, but at the latest during the current week. The concerned users will be previously notified.
Treatment of Solid Material

Common Glassware

- Standard glassware (beakers, Erlenmeyers, measuring cylinders, bottles with red screw caps, etc.)

Daily collection:
- Collection between 7:00AM and 8:00AM:
  - Treatment the same day
  - Distribution the following day in the morning

Treatment as follows:
- Cleaning, disinfection and drying in the washing machines
- Extra-clean and apyrogen treatment in dry heat oven: 180°C during 4 hours

- Plastic beakers and measuring cylinders

Daily collection:
- Collection between 7:00AM and 8:00AM:
  - Treatment the same day
  - Distribution the following day in the morning

Treatment as follows:
- Cleaning, disinfection and drying in the washing machines
- Drying in a stove: 55°C during 1 hour

- Duran and Pyrex flasks (with screw caps)

Daily collection:
- Collection between 7:00AM and 8:00AM:
  - Treatment the same day
  - Distribution the following day in the morning

Treatment as follows:
- Cleaning, disinfection and drying in the washing machines
- Sterilization by autoclaving: 121°C during 20 minutes
Treatment of Solid Material

Sterile supplies

Users who wish to have their supplies sterilized should label the items with the autoclaving control tape. All the supplies required sterile (for tissue or bacteria cultures, surgeries, etc.) will be wrapped in hermetic sterilization bags and sterilized by autoclaving: 121°C during 20 minutes.

Daily collection, sterilization and distribution:

- Collection between 7:00AM and 8:00AM:
  - Sterilization in the morning
  - Distribution between 1:00PM and 1:30PM

- Collection between 1:00PM and 1:30PM:
  - Treatment in the afternoon
  - Distribution the following day between 7:00AM and 8:00AM

  - **Eppendorf tubes:**
    Will be wrapped in specific sterilization bags according to the size and amount of tubes per bag requested by the users

  - **Eppendorf tube containers (plastic jars, beakers covered with an aluminum foil):**
    Will be opened and autoclaved separately in a specific sterilization bag.
Treatment of Solid Material

Sterile supplies

− Tip boxes (containing either tubes or tips):
The boxes will be wrapped in specific sterilization bags, by 4 or 6 units, depending on the request of the users, in order to optimize their storage in the cupboards.

NB 1: Those boxes are not hermetic; therefore the plastic bags should be opened in a biosafety cabinet.

NB 2: The users may unwrap the container for Eppendorf tubes and store it in a biosafety cabinet. These containers should then be refilled with the sterilized tubes in the cabinet as well.

NB 3: The glassware washing and sterilization facility will not be treating by autoclaving Eppendorf tubes provided in beakers covered with an aluminum foil, in tip boxes or plastic jars. They will be wrapped in the specific bags before the treatment. In case of need, further treatment options are described here below.

− Centrifugation tubes:
Centrifugation tubes will be wrapped by three per sterilization bag, in order to optimize their storage in the cupboards.

IMPORTANT:
All boxes and containers must resist autoclaving conditions: 121°C and high pressure.
Treatment of Solid Material

Sterile supplies

- **Surgical Instruments:**

  1) Surgical instruments placed in an adequate filtered or valve box will be treated unwrapped
  2) Surgical instruments placed in a regular box will be wrapped in a sterilization bag for autoclaving
  3) Surgical instruments without boxes will be wrapped in sterilization bags, either on by one or all-together depending on the users requests. The instruments may be double wrapped if requested.

**NB:** Specific filter or valve boxes may be ordered through the Glassware Washing Facility.

- **Miscellaneous requests:**
  Every special request not specified in these procedures can be discussed individually with the concerned users.
Treatment of Solid Material

Extra-clean supplies (non-sterile)

All the supplies do not requiring sterilization, will be treated in the oven for disinfection: 120°C during 2 hours.

Daily collection, treatment and distribution:
- Collection between 7:00AM and 8:00AM:
  Treatment in the morning
  Distribution between 1:00PM and 1:30PM

- Collection between 1:00PM and 1:30PM:
  Treatment in the afternoon
  Distribution the following day between 7:00AM and 8:00AM

  - Eppendorf tubes:
    The tubes will not be wrapped in the autoclaving bags. They will be treated directly in the container provided by the users.

  - Tip boxes:
    The boxes will not be wrapped in autoclaving bags. They will be treated in the oven as such.

  - Surgical instruments:
    Surgical instruments, which do not require sterilization, will not be treated by the Facility. The users may clean and sterilize them with EtOH 70% for example.

  - Miscellaneous requests:
    Every specific request not specified in these procedures will be discussed individually with the concerned users.

IMPORTANT:
All boxes and containers must resist a temperature of 120°C.