

Liquid Waste Decontamination

Liquid chemicals –

Clorox bleach (household)

Bulk liquid should be treated with a final concentration of 10% bleach allowing a contact time of 30 min. Decontaminated liquid can then be discarded down the drain while running water

Clorox bleach (household) in volumes indicated below is added to the empty waste and reconnected to the cytometer. As liquid waste accumulates in the waste tank, it mixes with the bleach and is discarded down the sink when waste is full.

Instrument	waste tank size (L)	Vol. bleach for 10% solution (mL)
Agilent (Quanteon and Penteon)	12.5	1250
Attune NxT	1	100
Aurora	7	

Ethanol – 70% Ethyl alcohol as a general disinfectant

Solid biohazardous waste disposal

Extra cardboard boxes labeled for biohazardous waste accumulation, red biohazard bag liners, and tape for sealing boxes can be requested from EHS staff.

1. Assemble biohazardous waste cardboard box, using at least three pieces of tape on bottom of box to secure
2. Flip box over and line with a red biohazard bag
3. When box is no more than 75% full, twist the free end of the bag and tie an overhand knot. If sufficient length is not available, use a gooseneck knot secured with plastic tape: twist the free end of the bag, make a loop with the twisted end of the bag and seal by wrapping tape around the neck of the loop.
4. Close the top of the box and secure the flaps with at least three pieces of tape
5. Contact environmental services or EHS to remove