









Biological Waste Disposal Guide

| Waste Type | Examples | Disposal Method | |
|---|--|---|---|
| Blood and body fluids | <ul style="list-style-type: none"> Blood Blood collection tubes Items saturated with blood and body fluids | Autoclave bag (max ½ full), autoclave*, then garbage. |  |
| Solids | <ul style="list-style-type: none"> Agar Petri dishes Gloves | Autoclave bag (max ½ full), autoclave*, then garbage. | |
| Liquids | <ul style="list-style-type: none"> Media Liquid cultures | Autoclave*, then down drain with copious amounts of water. |  |
| | | Add bleach to liquid so final concentration is 10% bleach, mix, sit for 30 min, pour down drain with copious amounts of water. Note: Do not put agar down the drain |  |
| Tissues | <ul style="list-style-type: none"> Tissues Organs Animal carcasses | Incineration – red biohazard buckets. Container label to include Researcher name and location. Keep in freezer until day before scheduled BioMed pick-up. |  |
| Lentiviral vectors | <ul style="list-style-type: none"> Lentiviral vectors Material used with lentiviral vectors | Incineration – red biohazard buckets. Container label to include Researcher name and location. Take to URStores (RIC 110) for BioMed pick-up. | |
| Sharps Contaminated or non-contaminated | <ul style="list-style-type: none"> Needles Slides Scalpel blades Lancets Razor blades | Puncture proof sharps container. Close lid prior to transport. Container label to include Researcher name and location. Take to URStores (RIC 110) for BioMed pick-up |  |
| Glass Non-contaminated | <ul style="list-style-type: none"> Glass pipettes Broken flasks or beakers | White 'Glass only' bucket. Container label to include Researcher name and location. Take to URStores (RIC 110) for BioMed pick-up. |  |
| Local Soil or Fish Uncontaminated | <ul style="list-style-type: none"> Soil or fish from uncontaminated sources and from Sask. No chemicals or biologicals added | Double bag – garbage. Fish should be frozen until they can be disposed directly into the outside bin during temperatures below 0°C. |  |
| Mixed Waste Biological and chemical | <ul style="list-style-type: none"> Amplicon waste ELISA waste Formaldehyde | Contact H&S health.safety@uregina.ca |  |

***Items that cannot be autoclaved:**

Oils, waxes, materials containing solvents, volatile compounds (e.g. HCl, bleach), corrosive chemicals (e.g. phenol, trichloroacetic acid, ether, chloroform, flammable materials, radioactive materials, most plastics including polystyrene (PS), polyethylene (PE), high density polyethylene (HDPE), etc.).