

SCIENCE HILL LABORATORY BIOMEDICAL WASTE GUIDELINES

Agent Biosafety Level	Waste Type	Container	Treatment	Disposal
Non-Biological BL-1	Labware, gloves, pipettes, pipette tips	Any cardboard or plastic container for items that could rip bags	None	Normal Trash
BL-1	<ul style="list-style-type: none"> ▪ Stocks and cultures: ▪ Bacteria Plates ▪ Cell Culture dishes ▪ Other "Viable" quantities of biological material 	Green bucket with plain (no biohazard symbol) autoclave bag	Autoclave	Normal Trash
BL-2 Normal Hazard	Labware, gloves, pipettes, pipette tips, bacteria plates, stocks and cultures	Pack in red-bag lined medical waste cardboard box (Stericycle)	None	Medical Waste
BL-2 High Hazard BL-3	Labware, gloves, pipettes, pipette tips, bacteria plates, stocks and cultures	Plastic autoclave red buckets or bag, then red-bag lined medical waste cardboard box after treatment	Autoclave or bleach treat (minimum 12 hrs)	Medical Waste
Non-biological BL-1 BL-2 Normal Hazard	"Sharps"-Syringes, needles, sutures, IV needles, razors, scalpels. Glass items contaminated with infectious material	Needle box, then red-bag lined medical waste cardboard box (Stericycle)	None	Medical Waste
BL-2 High Hazard BL-3	"Sharps"-Syringes, needles, sutures, IV needles, razors, scalpels. Glass items contaminated with infectious material	Needle-box, then red-bag lined medical waste cardboard box (Stericycle) after treatment	Autoclave or bleach treat (minimum 12 hrs)	Medical Waste

Biosafety Levels (BL)

BL-1	Biological material not known to cause disease in healthy adults: <ul style="list-style-type: none"> - E. coli K12 - Culture of most non-mammalian tissue - BL-1 materials derived from Recombinant DNA experiments
BL-2 Normal Hazard	Infectious or Potentially Infectious Material: <ul style="list-style-type: none"> - Human Blood - Human Cell Lines - Human cells - Non-human primate cells
BL-2 High Hazard BL-3	Agents requiring state registration: <ul style="list-style-type: none"> - Human Pathogens at BL2/BL3 level - Non-Exempt recombinant DNA - Biological Toxins - Animal & Plant Pathogens or Pests - Select Agents