

Material/situation	Gloves	Handling	Disposal	Emergency
Radioactives:				
35S	Yes	open stock in chemical hood keep stock -70°C charcoal paper in incubator	radioactive waste monitor with Geiger	<ul style="list-style-type: none"> •restrict access to the area •Clean with wet paper towels plus Count-off or similar
32P	Yes	stock in lead container use Lucite shield	radioactive waste/behind Lucite monitor with Geiger	<ul style="list-style-type: none"> •Throw towels in radioactive waste. Monitor with Geiger •Call security if more than 10 µci spilled
Cell lines				
Cell lines	Yes	in BSL2 lab.	Biohazard bag to be autoclaved.	
Viruses				
Viruses	Yes	in BSL2 lab. In laminar flow hood. Except when preparing large quantities of higher biohazard viruses such as HIV: use BSL3 lab.	Biohazard bag to be autoclaved.	<ul style="list-style-type: none"> •see below (human specimens)
Human blood, serum or specimens				
Human blood, serum or specimens	Yes	in BSL2 lab. Samples in double container. Open in hood, wearing goggles. If aerosols use in laminar flow hood, if not on bench. Do not have any sharp objects (needles, scissors) in the vicinity	Biohazard bag to be autoclaved.	<ul style="list-style-type: none"> •Wait for aerosols to settle •Put on two layers of gloves. •Put on splash goggles. •Clean with paper towels plus disinfectant and throw to biohazard bag.
HIV preparation from T cells				
HIV preparation from T cells	Yes	Only in BSL3 lab		
Chemicals:				
Chemicals:	Yes	Read material safety data sheets.		<ul style="list-style-type: none"> •restrict access to the area. Act according to material safety data sheet.
		Check proper function of chemical hood and keep minimal items (bottles, equipment) in hood		
Ethidium bromide	Yes, blue nitrile gloves		chemical disposal procedure (Ramat Hovav).	<ul style="list-style-type: none"> •Collect to disposal container. Finish cleaning with wet paper towels
Formaldehyde	Yes	Chemical hood	chemical disposal procedure (Ramat Hovav).	<ul style="list-style-type: none"> •Collect to disposal container. Wash exposed skin or eyes with plenty of water. Go to place with fresh air.
Phenol	Yes	Chemical hood	chemical disposal procedure (Ramat Hovav).	<ul style="list-style-type: none"> •Collect to disposal container. Wash exposed skin or eyes with plenty of water. Go to place with fresh air.
Methanol	Yes	Chemical hood	chemical disposal	<ul style="list-style-type: none"> •Go to place with fresh air.

			procedure (Ramat Hovav).	
Concentrated HCl or NaOH	Yes	Chemical hood	Neutralize carefully and dispose of in sink under plenty of running water.	•treat skin with neutralizing solution and plenty of water.
Public areas:				
		Label all chemicals in any container (bottles, tubes, etc)		
		Store and use flammables away from fire sources		
	Gloves:			
Any equipment in corridors (fridge, freezers, incubators, etc.)	Yes, but do not touch any access doors, light switch or wall.			
Staircase	Yes, but do not touch any access doors, banister, light switch or wall.			
Elevators	No, but if needed wear one glove and touch all buttons and door without glove			
WC	No			
Eateries and kitchen	No			
Seminar room	No			
All doors	No, unless indicated (radioactive waste room, doors of equipment).			
Fluorescence Microscope	No, (samples can be brought with gloves but remove before touching microscope or computer)			
Gel imagers	Yes			
Cold rooms	Yes			
Equipment rooms	Yes (except door of room)			