

Personal Protective Equipment (PPE) Hazard Risk Assessment

Lab Section: CI Microbiology

Location: Winston Campus

Date: 12/1/2020

For each task, bench or other work area, determine the physical, biological and chemical hazards. Identify and assign the appropriate PPE for each hazard. Complete a new assessment form if there are changes in workplace conditions, procedures or equipment that affect occupational hazards.

Task/Bench/Area: Setups

Hazard	Description
✓	Biological BBP
✓	Eye/Face Splash
✓	Respiratory
✓	Skin Splash
	Physical/Projectile
	Electrical
✓	Chemical
	Other
	None

PPE Required

✓	Lab Coat
✓	Gloves
1	Safety Glasses/ Goggles
	Mask
1	Face Shield - Stationary
1	Face Shield
	Respirator
	Hearing Protection
✓	Hood
	Other
	PPE Not Required

1) Face Shield or Safety Goggles are required for switching Gram Stainer Reagents and Cleaner

Task/Bench/Area: Bacteriology Benches

Hazard	Description
	Biological BBP
✓	Eye/Face Splash
	Respiratory
✓	Skin Splash
	Physical/Projectile
	Electrical
✓	Chemical
	Other
	None

PPE Required

✓	Lab Coat
1	Gloves
2	Safety Glasses/ Goggles
	Mask
2	Face Shield - Stationary
2	Face Shield
	Respirator
	Hearing Protection
	Hood
	Other
	PPE Not Required

Comments: 1) Available and Recommended (not required)
 2) Shield/goggles required for Dset inoculation

Task/Bench/Area: Serology

Hazard	Description
✓	Biological BBP
✓	Eye/Face Splash
	Respiratory
✓	Skin Splash
	Physical/Projectile
	Electrical
✓	Chemical
	Other
	None

PPE Required

✓	Lab Coat
✓	Gloves
1	Safety Glasses/ Goggles
	Mask
1	Face Shield - Stationary
1	Face Shield
	Respirator
	Hearing Protection
	Hood
	Other
	PPE Not Required

1) Face Shield or Safety Goggles are required for handling open specimen containers/reagents



Task/Bench/Area: AFB Lab	
Hazard	Description
✓	Biological BBP
✓	Eye/Face Splash
✓	Respiratory
✓	Skin Splash
	Physical/Projectile
	Electrical
✓	Chemical
	Other
	None
PPE Required	
✓	Lab Coat
✓	Gloves
1	Safety Glasses/ Goggles
✓	Mask
1	Face Shield - Stationary
1	Face Shield
2	Respirator
	Hearing Protection
✓	Hood
	Other
	PPE Not Required
1) Face Shield or Safety Goggles are required when handling liquids/stains outside of the Hood.	
2) Required for setting up AFB Specimens	



Task/Bench/Area: PCR	
Hazard	Description
✓	Biological BBP
✓	Eye/Face Splash
✓	Respiratory
✓	Skin Splash
	Physical/Projectile
	Electrical
✓	Chemical
	Other
	None
PPE Required	
✓	Lab Coat
✓	Gloves
1	Safety Glasses/ Goggles
2	Mask
1	Face Shield - Stationary
1	Face Shield
	Respirator
	Hearing Protection
✓	Hood
	Other
	PPE Not Required
1) Face Shield or Safety Goggles are required for handling open specimen containers/reagents	
2) Mask required for handling Covid Samples	



Task/Bench/Area:	
Hazard	Description
	Biological BBP
	Eye/Face Splash
	Respiratory
	Skin Splash
	Physical/Projectile
	Electrical
	Chemical
	Other
	None
PPE Required	
	Lab Coat
	Gloves
	Safety Glasses/ Goggles
	Mask
	Face Shield - Stationary
	Face Shield
	Respirator
	Hearing Protection
	Hood
	Other
	PPE Not Required
Comments:	