

Alarms for system failures

Biosafety Cabinet (BSC)

Handwashing Basin

No food or drink policies

Personnel showers

Plastic labware

Safety cups for centrifuges

Training on proper procedures

Validated Standard Operating
Procedures (SOPs)

Visual monitors for airflow

Wash hands after removing
gloves

Automatic pipettes

Button labcoat

Cooperate with worker health
procedures (medical
surveillance, serum banking,
etc.)

Gloves

Labcoat

Protective Eyewear

Respirator

Elimination of the pathogen

Faceshield

Lights

Pipette bulbs

Self-sheathing needles

Substitution for the pathogen

Using Sterile Technique
(prevent contamination)

Vaccination against pathogen

Alarms for unauthorized access

Autoclave

Biohazard Waste Bags

Cleanable, liquid-impermeable,
and chemical resistant bench tops

Directional Air Flow into
Laboratory

Double-door entry

Effluent decontamination

Emergency Power

Hazard Warning Door Signs

Hazard Warning Labels

HEPA filter on the vacuum line

HEPA-filtered exhaust

Interlocked doors (only one door
open at a time)

Inventory log books (or
software)

Locks

Non-slip, cleanable floors

Sample Transport Container

Sealed penetrations in walls and
ceilings

Sharps Disposal Container

Shoe Covers

Solid doors

Windows with screens