Biosafety Level I
Suitable for work involving well-characterized agents *not known to cause disease in healthy adult humans and of minimal potential hazard to laboratory personnel and the environment.*
Examples:

- *Bacillus subtilis*
- *Naegleria gruberi*
- *Infectious canine hepatitis virus*
- *E. coli*
Biosafety Level 1
Facility Design (Secondary Barrier)
Biosafety Level 1
Facility Design (Secondary Barrier)

Requirements:
- Laboratories have doors
- Sink for hand washing
- Work surfaces easily cleaned
- Bench tops are impervious to water
- Sturdy furniture
- Windows fitted with flyscreens
Biosafety Level 1
Facility Design (Secondary Barrier)

Easily cleaned and decontaminated
Biosafety Level 1
Facility Construction (Secondary Barrier)

Requirements:

- **Location** - not separated
- **Structure** - normal construction
- **Ventilation** - none
Biosafety Level 1
Standard Microbiological Practices

- Restrict or limit access when working
- Prohibit eating, drinking and smoking
- Prohibit mouth pipetting
Biosafety Level 1
Standard Microbiological Practices

Use mechanical pipetting devices
Biosafety Level 1
Standard Microbiological Practices

Wash hands
**Biosafety Level 1**

Standard Microbiological Practices

- Minimize splashes and aerosols
- Decontaminate work surfaces daily
- Decontaminate wastes
- Maintain insect & rodent control program
Biosafety Level 1
Safety Equipment (Primary Barriers)

Protective clothing
- Lab coat
- Gloves
Biosafety Level 1
Safety Equipment (Primary Barriers)

Personal protective equipment

- Face protection
- Eye protection
None required
Biosafety Level 1

Training Requirements

- Supervisor
  - Scientist with general training in microbiology or related science

- Lab Personnel
  - Specific training in lab procedures