**Biological Spill Kit and Cleanup Job Aid**

# Biological Spill Kit

Laboratories should prepare and maintain a biological spill response kit. Spill kits are safety items stored in the laboratory and used to clean up blood or OPIM spills. The biological spill kit should include the following:

Disinfecting solution

Sharps-handling devices (e.g., forceps or tongs, autoclavable broom, dustpan)

Paper towels or other suitable absorbent material

Trash bags (biohazard bags)

Waterproof utility gloves and latex or nitrile gloves

Face protection (e.g., face shield or splash goggles and, possibly, disposable respirator)

Shoe covers

Disposable coveralls

Copy of standard operating procedure (SOP) for spills

Warning sign for spills

5-gallon bucket

# Biological Spill Cleanup

Always follow your laboratory’s SOPs to clean up blood or OPIM spills. General cleaning procedures for a blood or OPIM spill are:

Post a biological spill sign.

Wear approved personal protective equipment (e.g., gloves, eye protection, laboratory coat).

Retrieve the biological spill kit and select items needed to clean up the spill.

Cover the spill with absorbent paper towels or other provided material.

Slowly pour disinfectant on the absorbent towels, covering the spill and the surface. After use, place them in a biohazard bag.

Collect sharp objects with forceps or other mechanical devices and place them in a sharps container.

Clean the spill site of all visible blood or OPIM using a detergent solution.

Spray the spill site with 10% household bleach and allow it to air-dry for 15 minutes.

After the 15-minute contact time, wipe the area with disinfectant-soaked paper towels.

Place all disposable materials used to decontaminate the spill, as well as any contaminated PPE, in a biohazard bag.

Decontaminate reusable items with disinfectant.

Safely remove PPE.

Wash your hands.

Make every effort to limit the spread of the blood or OPIM spill by isolating the spill area to protect others from exposure.

References:

Safety and Health Topics: Personal Protective Equipment. Occupational Safety and Health Administration, U.S. Dept. of Labor. Accessed March 1, 2023. <https://www.osha.gov/personal-protective-equipment>