

# Rules for the Safe Handling of Radioactive Materials

## Storage

- All stock vials and vials containing greater than 100 $\mu$ Ci must be secured in either a locked box or in a fridge/freezer that is locked or under constant surveillance.
- No food or drink may be stored where radioactive materials are kept.
- Radioactive solutions must be stored in closed, labeled containers. Use secondary containment to prevent contamination.

## Use

- The following personal protective equipment must be worn while handling radioactive materials, a lab coat; closed-toe shoes; disposable gloves and safety glasses.
- After each use monitor hands, clothing, and the work area for contamination. Refer to Appendix A of the Radiation Safety Manual.
- NEVER pipette by mouth.
- If dosimeters were issued, wear them at all times while working with radioactive materials. Wear dosimeters where the highest reading would be expected. Whole-body dosimeters should be worn on the trunk of the body above the waist. Wear finger dosimeters (rings) with the label toward the radioactive material.

## Disposal

- Liquid and solid radioactive waste must be segregated and disposed of in designated receptacles.
- Lead isotope vessels may be recycled through EH&S. Survey for contamination, if none is found, label as lead waste and EH&S personnel will dispose of it properly.