



Always follow basic radiation safety principles: minimize time, maximize distance, use shielding.

1



### RADIOLOGICAL ASSESSMENT

Check the specimen with a reliable Geiger counter or dosimeter before handling. Record the activity level and decide where it should be handled and stored.

2



### PREPARE THE WORK AREA

Use a clean, tidy, well-ventilated workspace. Remove food, drinks, loose papers, and unnecessary items. Keep the area free from obstacles.

3



### WEAR PROTECTION

Put on disposable nitrile gloves and protective eyewear before touching the specimen or display case.

4



### CHECK BACKGROUND RADIATION

Measure the normal background level first, then check the specimen so you understand the difference.

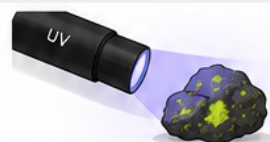
5



### HANDLE THE URANIUM SPECIMEN

Handle the sample carefully and keep handling time short. Do not touch your face, eat, drink, or create dust while working. Use tools (tweezers) when possible.

6



### USE UV LIGHT FOR FLUORESCENT URANIUM MINERALS

For fluorescent uranium minerals, use a UV light to inspect the work surface, gloves, tools, and packaging for possible contamination or loose particles.

7



### CLEAN AND RE-CHECK

After handling, clean the work area and tools. Dispose of gloves safely. Re-check the surface with your detector to ensure it is clean.

8



### STORE SECURELY

Place the specimen in a sealed acrylic display case or suitable protective container. Store in a secure location away from regularly occupied living spaces and children.



### PROTECTIVE BARRIERS

When handling specimens, we recommend using disposable nitrile gloves and protective eyewear. Avoid direct skin contact where possible, and never ingest or inhale any dust or particles during handling or study.



### LEAD-LINED STORAGE

Store specimens in secure acrylic display cases or appropriate protective containers in a well-ventilated area away from regularly occupied living spaces.



### ACTIVE MONITORING

Use a reliable Geiger counter or digital dosimeter to monitor activity levels when handling specimens. Regularly checking your workspace helps maintain a clean and safe environment.



### IMPORTANT REMINDERS:

- Minimize Time
- Maximize Distance
- Use Shielding
- Stay Informed
- Be Responsible