

Kit Contents

- 1 set of instructions
- 1 source information form
- 1 pair of impervious nitrile gloves
- 1 wipe pad in plastic transport bag
- 1 cotton-tipped swab in plastic transport tube
- 1 pre-printed wipe/swab sample identification label
- 1 pre-addressed self-adhesive envelope for sample return

Radiation Safety

- A personal dosimeter should be worn during this procedure
- Place the radioactive source in its shielded position before testing
- Wear the impervious gloves provided while performing the wipe test
- Take all practicable steps to minimise radiation doses to personnel performing the wipe test
- Remove gloves only after the used wipe pad or swab has been placed inside its transport bag/tube
- Wash hands thoroughly once gloves have been removed

Test Procedure

Ensure that all applicable regulatory requirements and local rules for leak testing are met. Refer to any specific wipe-test instructions provided by the manufacturer of the equipment or source under test prior to taking the wipe sample.

Select either the stick swab or the pad to make the wipe. If the source being wiped is emitting high levels of radiation or if there are irregular surfaces with hard to reach areas, select the stick swab. If the surfaces are accessible and easy to wipe, select the pad. Please note that analysis of only one of the supplied media types is included in the cost of this kit.

Remove the applicable swab or pad media from its transport tube or bag. The media can be left dry or it can be moistened with water, ethanol or detergent should this be appropriate for the type of equipment or source being wiped. Thoroughly wipe all of the test areas and return the sample media to its transport tube or bag.

Remove gloves by grasping their inner surface at the wrist and pulling off. Quarantine gloves until the results of the wipe test are known allowing them to be later disposed of in a suitable manner. Do not handle kit packaging until gloves have been removed to help avoid cross-contamination. If available, a survey meter should be used to check the sample for gross levels of contamination.

Sample Return and Analysis

Affix the sample identification label to the outside of the wipe sample transport tube or bag. Complete the source information form. Seal the wipe sample and completed source identification form inside the pre-addressed envelope, apply postage and return for analysis. Please contact us if there is reason to believe that the surface dose rate outside the package could exceed 5 $\mu\text{Sv/hr}$. On completion of sample analysis at our laboratory, a leak test certificate will be issued confirming the total activity of any radioactive material detected on the sample.