

Protocol for Radioactive Source Wipe Tests

A wipe test is carried out to check the integrity of the sealed source. Ideally a wipe test should be taken of the actual source, however sometimes this is not practical and a wipe of the nearest accessible surface should be taken. The wipe should be taken by trained personnel. The wipe should be placed at the end of a forceps and while wearing disposable gloves the housing should be wiped. The wipe test should then be surveyed with a hand held meter to check for gross contamination. If contamination is found then the Institute should be contacted immediately. Otherwise the preference for packaging the wipe test is as follows:

- Wipe test should be carried out using alcohol (isopropyl) moistened filter paper or 'medi-swabs' found in pharmacies.
- Dimensions of the wipe need to be approximately **2cm x 2cm**, anything larger may impair the efficiency of the measurement.
- The wipe should be placed at the end of a forceps and the rubbed lightly over the area.
- Allow the wipe to evaporate to dryness.
- Place in a zip-lock plastic bag or similar.
- Please supply the following information with each wipe test.

Radioactive Source Wipe Test

Company:
Contact:
Telephone
Email:

Source Details

Source Type:
Manufacturer:
Model No:
Serial Number:
Nuclide:
Activity:
Date of Wipe Test:

- **Enclose a Purchase Order number with wipe test and forward to:**

Radiation Monitoring Laboratory
Environmental Protection Agency
McCumiskey House
Richview
Clonskeagh
Dublin 14
D14 YR62

Email: Radcertification@epa.ie