

# Radiopharmacy

Environment

Geochemistry

Decommissioning

## Separation of radionuclides for medical applications

- Rapid, highly specific separation techniques
- Separation of radionuclides from irradiated targets
- Quality control of radionuclides for medical use
- Post-generator purification
- Radioprotection and Radioanalysis
- Easily used in glove boxes or hot cells
- High active samples

Our resins are increasingly finding application in the [production](#) and [quality control](#) of radionuclides (such as Cu-64/7, Ge-68, Ga-67/8, Sc-44/7, Zr-89, alpha emitters...) for medical use, and are employed by leading radionuclide manufacturers worldwide. Further to our range of highly selective resins Triskem is now also offering a [selective chromatography paper](#) (DGA Sheets) for quality control of radionuclides and generator effluents (Ac-225, Pb-212, Ga-68,...).

Triskem International places a strong focus on the [development of new resins](#) and [separation methods](#) to meet your separation needs. If you'd like to receive more detailed information, or if you'd like to discuss a specific separation problem please contact us under : [contact@triskem.fr](mailto:contact@triskem.fr)

## Products

## Applications\*

CL Resin	I removal from effluents, Ag, Pa
CU Resin	Cu from liquid Ni targets and from Zn targets
DGA Sheets	Quality control of Ra-223, Pb-212, Ac-225/Bi-213, Ge-68/Ga-68
ZR Resin	Zr, Ga, Ge, Ti
TK101 Resin	Ra, Pb
TK102 Resin	Ra/Ba separation, Pb, Sr
TK200 Resin	Ga-67/8, Zn, Actinides
TK201 Resin	Cu from solid Ni targets, Tc, Re
TK202 Resin	Tc from Mo targets, Re
TK221 Resin	Actinides, Lanthanide separation and purification (e.g. Lu-177), Ac-225 purification
TK225 Resin	Lanthanides removal from acidic effluents
TK211/2/3 Resins	Lanthanide separation (e.g. nca Lu-177, nca Tb-161)
TBP Resin	Sn, Zr, Sc, Ga, Actinides
TK400 Resin	Pa, Ga, Fe, Nb, Mo, Po
Guard Resin	Removal of organic impurities, Ge-68
TK-TcScint	Tc

\*the main applications are shown in [blue](#).

**Upcoming new products :**  
**TK222, CU Sheets,...**

[Our new developments](#) - for information on all our products please visit our web site:  
[www.triskem.com](http://www.triskem.com)