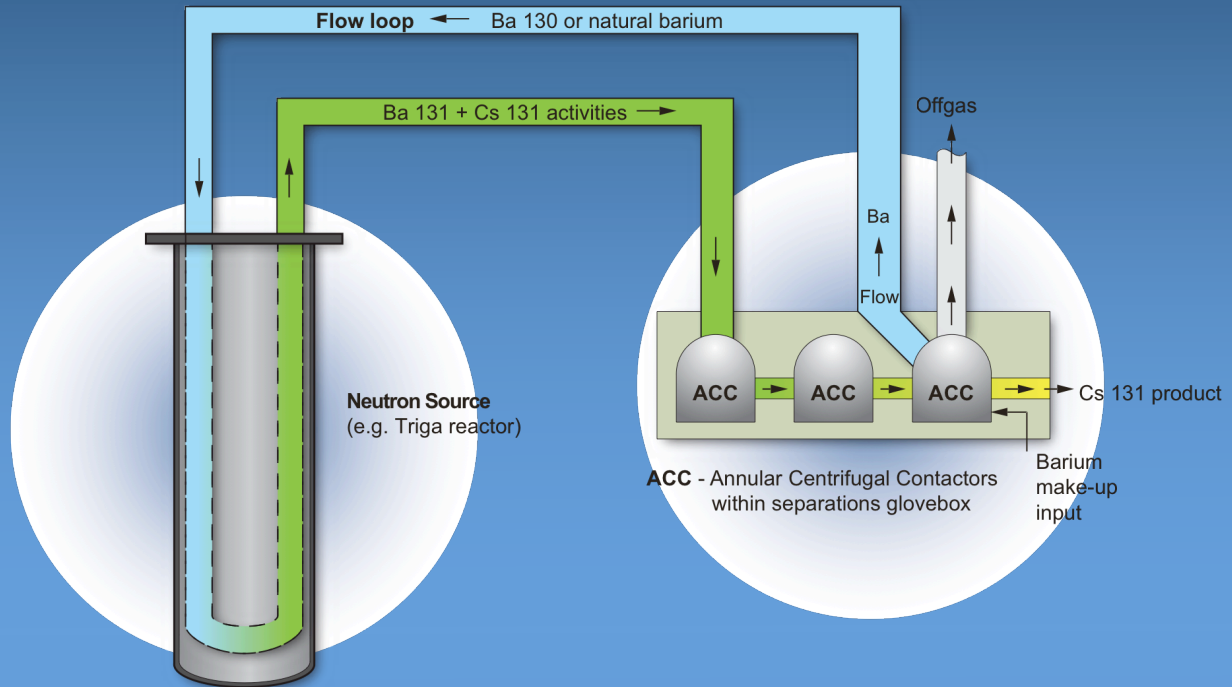


Higher Purity Cesium 131 Isotope Production and Recovery for Cancer Treatment

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Production of Medical Cesium 131 Isotope

- Processes in a continuous loop
- Reduces production costs
- Produces purer Cs131 isotope
- Eliminates steps
- Reduces processing time
- Generates less hazardous waste

Markets

- Medical radioisotope suppliers
- Neutron source (e.g. TRIGA reactor operators)
- 2009 Brachytherapy market--\$150 million
- Cs131 used in Prostate Cancer Treatment

Contact

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Commercialization Readiness

- Proven neutron-capture method
- Demonstrated cesium separation method
- Principle test (\$800K) converts to production
- Start-up program--9 months
- Higher efficiency with enriched barium 130
- Patent filed May 2009
- Exclusive license available