

¹⁵²Pr

¹⁵²Pr was discovered in 1983 by Hill et al. and the results were published in the paper: “Decay of neutron-rich ¹⁵²Pr and ¹⁵²Ce” ([1983Hi05](#)). ¹⁵²Pr was produced in thermal fission of ²³⁵U in the Brookhaven High Flux Beam Reactor and identified with the mass separator TRISTAN. “The ¹⁵²Pr half-life was measured to be 3.24±0.19 s, and its decay scheme was constructed based on γ singles and coincidence measurements”.

Adapted from reference ([2012Ma48](#))

[1983Hi05](#) J. C. Hill, H. Yamamoto, and A. Wolf, Phys. Rev. C **27**, 2857 (1983).
[2012Ma48](#) E. May and M. Thoennessen, At. Data Nucl. Data Tables **98**, 960 (2012).

Please cite this abstract as: “FRIB Nuclear Data Group, *Discovery of Nuclides Project*, Isotope Database, doi:[10.11578/frib/2279152](https://doi.org/10.11578/frib/2279152)”