

^{128}Cs

The 1951 paper “A new short-lived isotope of cesium” by Fink et al. documented the first observation of ^{128}Cs ([1951Fi07](#)). Cesium chloride was bombarded with 96 MeV protons from the Rochester 130-inch cyclotron to produce ^{128}Ba which decayed to ^{128}Cs . Activities were measured following chemical separation. “The best value for the half-life of Cs^{128} is an average of 11 different determinations and is 3.13 ± 0.2 minutes.”

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

[1951Fi07](#) R. W. Fink and E. O. Wiig, J. Am. Chem. Soc. **73**, 2365 (1951).

[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)”