

²⁰⁵Ra

²⁰⁵Ra was first observed by Heßberger et al. as reported in the 1987 paper “Observation of two new alpha emitters with Z = 88” ([1987He10](#)). Tb was irradiated with ⁵¹V from the UNILAC accelerator at GSI, Darmstadt. Recoils were separated by the velocity filter SHIP, then passed two time-of-flight detectors before being implanted into an array of position-sensitive surface-barrier detectors. “The measured decay properties are $E_{\alpha}=(7360\pm 20)$ keV and $T_{1/2}=(220\pm 60)$ ms.”

Adapted from reference ([2013Fr09](#))

[1987He10](#) F. P. Hessberger, S. Hofmann, G. Munzenberg, A. B. Quint *et al.*, *Europhys. Lett.* **3**, 895 (1987).

[2013Fr09](#) C. Fry and M. Thoennessen, *At. Data Nucl. Data Tables* **99**, 497 (2013).

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