

Selected Nuclides and Their Half-Lives

^1n	614 s
^3H	12.33 d
^4H	1.9×10^{-22} s
^5H	8×10^{-23} s
^6H	3×10^{-22} s
^6He	0.805 s
^7Be	53.28 d
^8Li	0.844 s
^9B	8×10^{-19} s
^{10}Be	1.52×10^6 y
^{10}C	19.3 s
^{11}C	20.3 m
^{12}B	0.0204 s
^{14}C	5715 y
^{15}C	2.45 s
^{15}O	124 s
^{18}F	1.82951 h
^{22}Na	950.97 d
^{24}Na	14.9512 h
^{31}Si	2.62 h
^{32}P	14.28 d
^{33}Ar	174 ms
^{40}K	1.26×10^9 y
^{41}Ar	1.82 h
^{44}Ti	22154 d
^{46}Sc	83.831 d
^{51}Cr	27.7010 d
^{54}Mn	312.028 d
^{55}Fe	2.73 y
^{57}Co	272.11 d
^{58}Co	70.77 d
^{59}Fe	44.5074 d
^{62}Cu	9.67 m
^{65}Zn	244.164 d
^{67}Ga	3.26154 d
^{74}As	17.8 d
^{75}Se	119.809 d

^{77}Rb	3.8 m
^{79}Se	1.1×10^6 y
^{82}Br	1.471 d
^{82}Sr	25.36 d
^{85}Kr	3934.4 d
^{85}Sr	64.8530 d
^{87}Rb	4.9×10^{10} y
^{88}Y	106.626 d
^{90}Sr	29.1 y
^{98}Tc	4.2×10^6 y
^{99}Mo	65.9239 h
^{101}Mo	14.6 m
^{105}Nb	3.0 s
^{109}Cd	463.26 d
^{110}Ag	249.950 d
^{111}In	2.80477 d
^{113}Sn	115.079 d
^{115}In	5×10^{14} y
^{116}Ag	2.68 m
^{117}Sn	14.00 d
^{123}I	13.2235 h
^{123}Te	2.4×10^{19} y
^{125}I	59.49 d
^{125}Sb	1007.56 d
^{127}Xe	36.3446 d
^{131}I	8.0197 d
^{131}Xe	11.934 d
^{133}Ba	3853.6 d
^{133}La	3.91 h
^{133}Xe	5.24747 d
^{134}Cs	753.88 d
^{137}Cs	11015 d
^{139}Ba	1.396 h
^{139}Ce	137.734 d
^{140}Ba	12.7527 d
^{140}La	40.293 h
^{141}Ce	32.50 d

¹⁴⁴ Ce	284.558 d
¹⁴⁴ Nd	5 × 10 ¹⁵ y
¹⁴⁸ Dy	3.1 m
¹⁴⁹ Sm	4 × 10 ¹⁴ y
¹⁵² Eu	4945.5 d
¹⁵³ Gd	239.472 d
¹⁵³ Sm	46.2853 h
¹⁵⁴ Eu	3138.2 d
¹⁵⁴ Tb	21.5 h
¹⁵⁵ Eu	1738.97 d
¹⁶⁶ Ho	26.7663 h
¹⁶⁹ Yb	32.0147 d
¹⁷⁶ Hg	21 ms
¹⁷⁷ Lu	6.64 d
¹⁸¹ Au	11.4 s
¹⁸¹ W	121.095 d
¹⁸³ Ir	57 m
¹⁸⁵ Pt	1.18 h
¹⁸⁶ Os	2 × 10 ¹⁵ y
¹⁸⁶ Re	89.248 h
¹⁸⁷ Re	7 × 10 ¹⁰ y
¹⁸⁸ Ir	1.72 d
¹⁸⁸ Re	17.021 h
¹⁹⁰ Pt	6.1 × 10 ¹¹ y
¹⁹² Ir	73.810 d
¹⁹⁵ Au	186.098 d
¹⁹⁸ Au	2.69517 d
²⁰¹ Tl	3.0456 d
²⁰² Tl	12.466 d
²⁰³ Hg	46.619 d
²⁰³ Pb	51.923 h
²⁰⁴ Pb	1.4 × 10 ¹⁷ y
²⁰⁵ Pb	1.51 × 10 ⁷ y
²⁰⁷ Bi	11523 d
²⁰⁸ Po	2.898 y
²¹² Bi	60.6 m
²¹³ At	0.11 μs
²¹⁴ Po	1.637 × 10 ⁻⁴ s
²¹⁴ Pa	17 ms

²¹⁸ At	1.6 s
²¹⁸ Po	3.0 m
²¹⁸ Th	0.11 μs
²¹⁹ Pa	0.05 μs
²²² Rn	3.82 d
²²³ Ra	11.7 d
²²⁴ Ra	3.64 d
²²⁵ Ra	14.8 d
²²⁶ Ra	1620 y
²²⁸ Ra	6.7 y
²²⁸ Th	698.60 d
²³⁰ Th	8 × 10 ⁴ y
²³² Pa	1.31 d
²³² U	72 y
²³³ Pa	27 d
²³³ U	1.6 × 10 ⁵ y
²³⁴ Pa	6.69 h
²³⁴ U	2.4 × 10 ⁵ y
²³⁵ Pa	24.4 m
²³⁵ U	7.05 × 10 ⁸ y
²³⁵ Np	1.085 y
²³⁷ Pu	45.7 d
²³⁸ U	4.46 × 10 ⁹ y
²³⁹ Pu	2.41 × 10 ⁴ y
²⁴² Bk	7.0 m
²⁵⁰ Bk	3.217 h
²⁵¹ Cf	9.0 × 10 ² y
²⁵⁵ Fm	20.1 h
²⁵⁷ Fm	100.5 d
²⁵⁸ Md	56 d
²⁶⁰ Lr	3 m
²⁶¹ Bh	12 ms
²⁶¹ Rf	1.1 m
²⁶⁸ Mt	0.07 s

Lide, David R. *CRC Handbook, 83rd ed.*, CRC Press: Boca Raton, Florida, 2004; p 11-51 □ 11-213.