

Periodic Table of the Elements

MERCK

Hydrogen H *** 1.008 1 Nonmetal Alkali Metal Alkaline Earth Metal Transition Metal Lanthanide Actinide Metalloid Post-Transition Metal Halogen Noble Gas * Solid ** Liquid *** Gas																		Helium He *** 4.003 2																	
Lithium Li * 6.941 3 Beryllium Be * 9.012 4																		Boron B * 10.81 5 Carbon C * 12.01 6 Nitrogen N *** 14.01 7 Oxygen O *** 16.00 8 Fluorine F *** 19.00 9 Neon Ne *** 20.18 10																	
Sodium Na * 22.99 11 Magnesium Mg * 24.31 12																		Aluminium Al * 26.98 13 Silicon Si * 28.09 14 Phosphorus P * 30.97 15 Sulfur S * 32.07 16 Chlorine Cl *** 35.45 17 Argon Ar *** 39.95 18																	
Potassium K * 39.10 19 Calcium Ca * 40.08 20 Scandium Sc * 44.96 21 Titanium Ti * 47.87 22 Vanadium V * 50.94 23 Chromium Cr * 52.00 24 Manganese Mn * 54.94 25 Iron Fe * 55.84 26 Cobalt Co * 58.93 27 Nickel Ni * 58.69 28 Copper Cu * 63.55 29 Zinc Zn * 65.39 30 Gallium Ga * 69.72 31 Germanium Ge * 72.63 32 Arsenic As * 74.92 33 Selenium Se * 78.96 34 Bromine Br ** 79.90 35 Krypton Kr *** 83.80 36																																			
Rubidium Rb * 85.47 37 Strontium Sr * 87.62 38 Yttrium Y * 88.91 39 Zirconium Zr * 91.22 40 Niobium Nb * 92.91 41 Molybdenum Mo * 95.94 42 Technetium Tc * [98] 43 Ruthenium Ru * 101.07 44 Rhodium Rh * 102.91 45 Palladium Pd * 106.42 46 Silver Ag * 107.87 47 Cadmium Cd * 112.41 48 Indium In * 114.82 49 Tin Sn * 118.71 50 Antimony Sb * 121.76 51 Tellurium Te * 127.60 52 Iodine I * 126.90 53 Xenon Xe *** 131.29 54																																			
Caesium Cs * 132.91 55 Barium Ba * 137.33 56 LANTHANIDES ▼ Hafnium Hf * 178.49 72 Tantalum Ta * 180.95 73 Tungsten W * 183.84 74 Rhenium Re * 186.21 75 Osmium Os * 190.23 76 Iridium Ir * 192.22 77 Platinum Pt * 195.08 78 Gold Au * 196.97 79 Mercury Hg *** 200.59 80 Thallium Tl * 204.38 81 Lead Pb * 207.2 82 Bismuth Bi * 208.98 83 Polonium Po * [209] 84 Astatine At * [210] 85 Radon Rn *** [222] 86																		Francium Fr * [223] 87 Radium Ra * [226] 88 ACTINIDES ▼ Rutherfordium Rf * [267] 104 Dubnium Db * [268] 105 Seaborgium Sg * [269] 106 Bohrium Bh * [270] 107 Hassium Hs * [269] 108 Meitnerium Mt * [278] 109 Darmstadtium Ds * [281] 110 Roentgenium Rg * [281] 111 Copernicium Cn * [285] 112 Nihonium Nh * [286] 113 Flerovium Fl * [289] 114 Moscovium Mc * [289] 115 Livermorium Lv * [293] 116 Tennessee Ts * [294] 117 Oganesson Og *** [294] 118																	
Lanthanum La * 138.91 57 Cerium Ce * 140.12 58 Praseodymium Pr * 140.91 59 Neodymium Nd * 144.24 60 Promethium Pm * [145] 61 Samarium Sm * 150.36 62 Europium Eu * 151.96 63 Gadolinium Gd * 157.25 64 Terbium Tb * 158.93 65 Dysprosium Dy * 162.50 66 Holmium Ho * 164.93 67 Erbium Er * 167.26 68 Thulium Tm * 168.93 69 Ytterbium Yb * 173.04 70 Lutetium Lu * 174.97 71																		Actinium Ac * [227] 89 Thorium Th * 232.04 90 Protactinium Pa * 231.04 91 Uranium U * 238.03 92 Neptunium Np * [237] 93 Plutonium Pu * [244] 94 Americium Am * [243] 95 Curium Cm * [247] 96 Berkelium Bk * [247] 97 Californium Cf * [251] 98 Einsteinium Es * [252] 99 Fermium Fm * [257] 100 Mendelevium Md * [258] 101 Nobelium No * [259] 102 Lawrencium Lr * [262] 103																	

The life science business of Merck operates as MilliporeSigma in the U.S. and Canada.

