

Activity Series of Metals

| Metal | Symbol | Reactivity |
|--------------|-------------------|--|
| Lithium | Li | Displaces H ₂ gas from water, steam, and acids. Forms hydroxides. |
| Potassium | K | |
| Strontium | Sr | |
| Calcium | Ca | |
| Sodium | Na | |
| Magnesium | Mg | Displaces H ₂ gas from steam and acids only. Forms hydroxides. |
| Aluminum | Al | |
| Zinc | Zn | |
| Chromium | Cr | |
| Iron | Fe | Displaces H ₂ gas from acids only. Forms hydroxides. |
| Cadmium | Cd | |
| Cobalt | Co | |
| Nickel | Ni | |
| Tin | Sn | |
| Lead | Pb | |
| Hydrogen gas | H _{2(g)} | Included for comparison. |
| Antimony | Sb | Combines with O ₂ to form oxides. Cannot displace H ₂ . |
| Arsenic | As | |
| Bismuth | Bi | |
| Copper | Cu | |
| Mercury | Hg | Found free in nature. Oxides decompose with heating. Cannot displace H ₂ . |
| Silver | Ag | |
| Palladium | Pd | |
| Platinum | Pt | |
| Gold | Au | |