

Activity Series of Elements

ACTIVITY OF METALS

| | |
|----|---|
| Li | React with cold H ₂ O and acids, replacing hydrogen. |
| Rb | |
| K | React with oxygen, forming forming oxides. |
| Ba | |
| Sr | |
| Ca | |
| Na | |

ACTIVITY OF HALOGEN NONMETALS

F₂
Cl₂
Br₂
I₂

| | |
|----|---|
| Mg | React with steam (but not cold water) and acids, replacing hydrogen. React with oxygen, forming oxides. |
| Al | |
| Mn | |
| Zn | |
| Cr | |
| Fe | |
| Cd | |

| | |
|----|--|
| Co | Do not react with water. |
| Ni | React with acids, replacing hydrogen. React with oxygen, forming oxides. |
| Sn | |
| Pb | |

| | |
|----------------|------------------------------------|
| H ₂ | React with oxygen, forming oxides. |
| Sb | |
| Bi | |
| Cu | |
| Hg | |

| | |
|----|--|
| Ag | Fairly unreactive, forming oxides only indirectly. |
| Pt | |
| Au | |