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# Oxidation/Reduction

National Cancer Institute

## Source

National Cancer Institute. *Oxidation/Reduction*. NCI Thesaurus. Code C16945.

All electron-transfer reactions are considered oxidation/reduction reactions. The substance gaining electrons ("oxidizing agent" or "oxidant") is oxidizing the substance that is losing electrons ("reducing agent" or "reductant"). In the process, the "oxidizing agent" is itself reduced by the "reducing agent."