

Glossary

C.5.2. Carbon Dioxide Transport

Carbon Dioxide	Waste product of metabolism (CO ₂) which has to go to the lungs to be exhaled
Haldane effect	Release of oxygen from the hemoglobin molecules makes it easier to bind to carbon dioxide molecules
Bicarbonate ions	Binding of carbon dioxide to a water molecule to produce a transport molecule for carbon dioxide
Carbonic anhydrase	Enzyme, only available in erythrocytes, that make it possible to bind carbon dioxide to a water molecule. This process only takes place inside the erythrocyte.