

The Respiratory System

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in humans

can be

Lungs
(cavities within animals)

in humans,
starts with the

[]

goes to the

[]

is protected from
food/liquid by

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then enters

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then

[]

then

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then

[]

where

CO₂ diffuses out

which eventually reaches

[]

converts it to

carbonic anhydrase
(found in erythrocytes)

where

[]

then

to tissues

hemoglobin releases O₂

[]

when pH decreases

binds to
hemoglobin

where it

[]

- Word Bank:
- Alveoli of lung (capillary rich elastic sacs)
 - Are controlled by diaphragm and intercostal muscles
 - Bronchi
 - Bronchioles
 - Carbonic Acid
 - CO₂ Diffuses into blood
 - Due to high CO₂ (or lactic acid)
 - Epiglottis