

Ruminant Digestive System

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- 2 Oesophagus
- 3 Rumen
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- 5 Omasum
- 6 Abomasum
- 7 Small intestine
- 8 Large intestine
- 9 Anus

➡ **Mouth → rumen:** Food is chewed and moved to the rumen for physical and microbial digestion.

➡ **Rumen → mouth/reticulum:** Newly eaten food is returned to the mouth for further chewing. Small, digested material passes to the reticulum.

➡ **Reticulum → omasum:** Digested material is moved here, and folds in the walls increase the surface area for absorption.

➡ **Omasum → abomasum:** Digestive enzymes are released to further digest material.

➡ **Abomasum → small intestine** Nutrient absorption occurs as material passes through the small intestine.

➡ **Small intestine → large intestine → anus** Absorption of water and minerals continues to occur, and any undigested material passes to the anus.



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