

# DIGESTIVE SYSTEM ORGAN FUNCTIONS

ORGAN	PRIMARY FUNCTION
<b>Mouth</b>	Mechanical breakdown of food via chewing; chemical digestion starts via salivary amylase.
<b>Esophagus</b>	Transports food bolus from the pharynx to the stomach using peristaltic contractions.
<b>Stomach</b>	Churns food into chyme; secretes gastric acid and enzymes (pepsin) for protein digestion.
<b>Small Intestine</b>	Main site of chemical digestion and nutrient absorption into the bloodstream.
<b>Large Intestine</b>	Absorbs water and electrolytes; forms and stores feces for excretion.
<b>Liver</b>	Produces bile to emulsify fats; processes nutrients absorbed from the small intestine.
<b>Gallbladder</b>	Stores and concentrates bile produced by the liver before releasing it into the small intestine.

**ORGAN****PRIMARY FUNCTION****Pancreas**

Secretes digestive enzymes (lipase, protease, amylase) and bicarbonate to neutralize stomach acid.