

DIGESTIVE SYSTEM FUNCTIONS

ORGAN	PRIMARY FUNCTION	ENZYMES/SECRETIONS
Mouth	Mechanical breakdown via mastication; initiation of carbohydrate digestion.	Salivary Amylase, Lingual Lipase
Esophagus	Transportation of bolus to stomach via peristalsis.	Mucus (lubrication)
Stomach	Chemical protein digestion; mechanical churning into chyme.	Pepsin, Gastric Lipase, HCl
Small Intestine	Primary site of nutrient absorption and final chemical breakdown.	Trypsin, Lactase, Maltase, Sucrase
Pancreas	Secretes digestive enzymes into the duodenum and neutralizes acid.	Pancreatic Amylase, Lipase, Proteases
Liver / Gallbladder	Production and storage of bile for emulsification of lipids.	Bile Salts
Large Intestine	Absorption of water and electrolytes; formation of waste.	Microbial Fermentation