

## Summary of Digestive enzymes

Source and (Secretion)	Enzyme	Substrate	Products
Salivary glands (Saliva)	Salivary Amylase	Starches (Polysaccharides)	Dextrins, Disaccharides
Gastric glands (Gastric juice)	Pepsin	Proteins	Proteoses, Peptones
Pancreas (Pancreatic juice)	Pancreatic Amylase	Dextrins	Disaccharides
Pancreas (Pancreatic juice)	Trypsin	Proteins, Proteoses, Peptones	Proteoses, Peptones, Peptides
	Chymotrypsin	Proteins, Proteoses, Peptones	Proteoses, Peptones, Peptides
	Carboxypeptidase	Proteins, Proteoses, Peptones	Proteoses, Peptones, Peptides
Pancreas (Pancreatic juice)	Pancreatic Lipase	Lipids	Fatty acids and Glycerol
Small Intestine - Intestinal glands (Intestinal juice)	Maltase	Maltose (Disaccharide)	Glucose and Glucose
	Sucrase	Sucrose (Disaccharide)	Glucose and Fructose
	Lactase	Lactose (Disaccharide)	Glucose and Galactose
Small Intestine - Intestinal glands (Intestinal juice)	Dipeptidase or Erepsin	Peptides or Dipeptides	Amino acids

**Note: Liver secretes Bile which has no enzyme secretion however, it has bile salts which help in emulsification of fats/lipids**