

## SUMMARY OF DIGESTIVE SECRETION AND THEIR ACTION

SECRETION	SOURCE	ENZYMES	SITE	PH	SUBSTRATE	PRODUCT
<b>SALIVA</b>	Salivary Glands	Amylase (Ptyalin)	Oral/Buccal cavity	6.5-7.5	Amylose in Starch	Maltose & Isomaltose
<b>GASTRIC JUICE</b>	Gastric Glands (mucosa)	Pepsin Rennin	stomach	2.00 2.00	Proteins Casein	Peptides/P.P Coagulation
<b>INTESTINAL JUICE</b>	Small Intestinal mucosa	Lactase Sucrase Maltase E.K Exopeptidase	Small Intestine	Alkaline (8.5) " " "	Lactose Sucrose Maltose Trypsinogen Peptides	Glucose + Galact. Gluc + Fruct. Gluc. + Gluc. Trypsin Amino Acid
<b>PANCREATIC JUICE</b>	Acinar cells Pancreatic Glands	Amylase (Amylopsin) Trypsin Elastase Chymotrypsin Lipase	Small Intestine	7-8 " " " "	Amylose Proteins Proteins Proteins Lipids	maltose Peptides Peptides Peptides, A.A F-Acids, Glycerol
<b>BILE</b>	Liver	No Enzymes	Small Intestine	7.6-8.6	Lipids	Emulsified fats

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