

2) Pancreatic juice — produced by the gland pancreas.

- Pancreas is^a whitish gland which is located just behind the stomach.

- Pancreatic duct transports^{the} pancreatic juice into the duodenum.

- It contains 3 enzymes -

1) Amylopsin — it is also called^{as the} pancreatic amylase.

- It digests leftover starch into maltose.

- Leftover starch $\xrightarrow{\text{Amylase}}$ Maltose

2) Trypsin — It is first secreted as inactive trypsinogen which is activated to trypsin by an enzyme enterokinase (enteropeptidase), secreted by the inner lining of the duodenum.

Trypsinogen $\xrightarrow{\text{Enterokinase}}$ Trypsin
 Proteins and peptides $\xrightarrow{\text{Trypsin}}$ smaller peptides, + amino acid

3) Steapsin - It acts on emulsified fats to split them into fatty acids and glycerol.

Emulsified fat $\xrightarrow{\text{steapsin}}$ Fatty acids + glycerol

Intestinal juice - It contains different enzymes:

- 1) Peptides $\xrightarrow[\text{peptidase}]{\text{Erepsin}}$ amino acids
- 2) Maltose $\xrightarrow{\text{Maltase}}$ Glucose
- 3) Sucrose $\xrightarrow{\text{sucrose}}$ glucose + fructose
- 4) Lactose (milk sugar) $\xrightarrow{\text{lactase}}$ Glucose + galactose
- 5) Emulsified fat $\xrightarrow{\text{Lipase}}$ Fatty acids + glycerol