

7.4 Digestion in Stomach

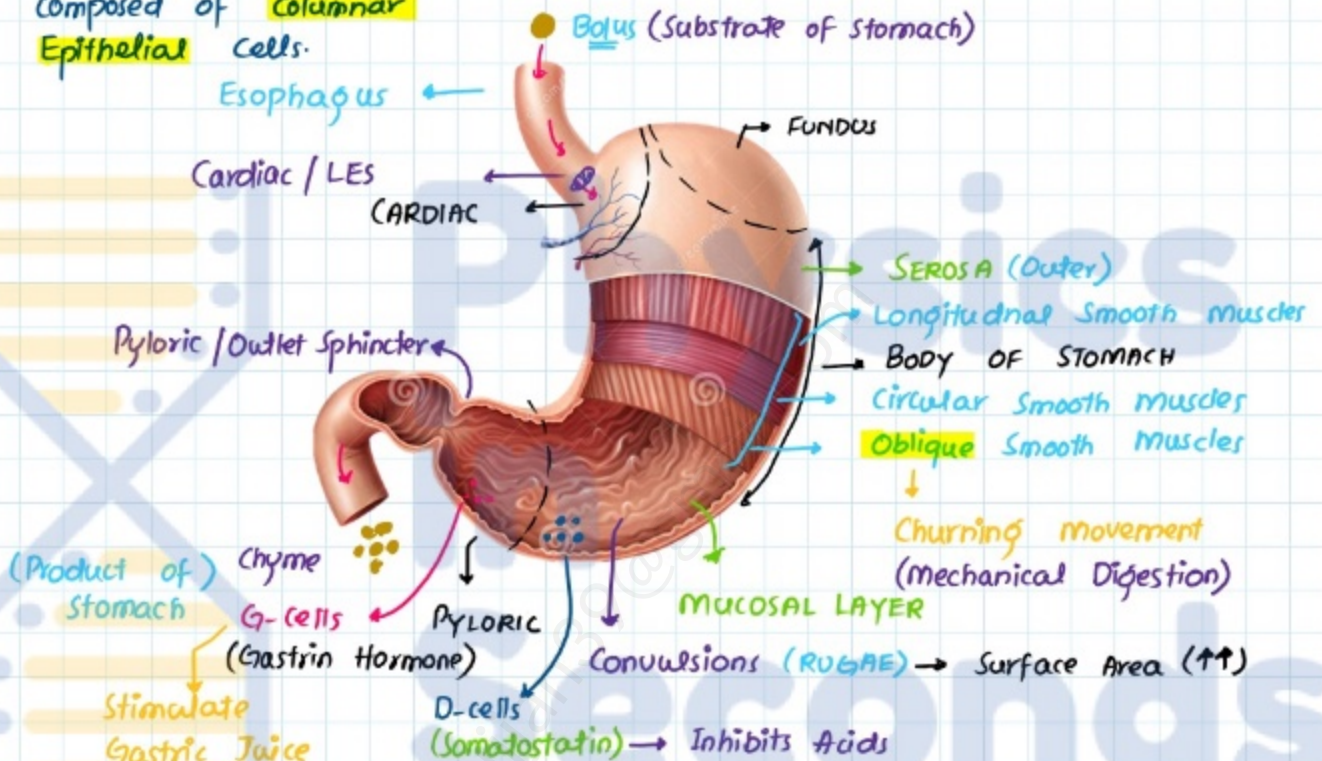
Digestion in Stomach

- Empty Stomach → 50ml
- Max. Capacity → 4 liters

THORACIC / CHEST CAVITY

- J-shaped, Widest of GIT
- Left side of Abdomen
- Below diaphragm

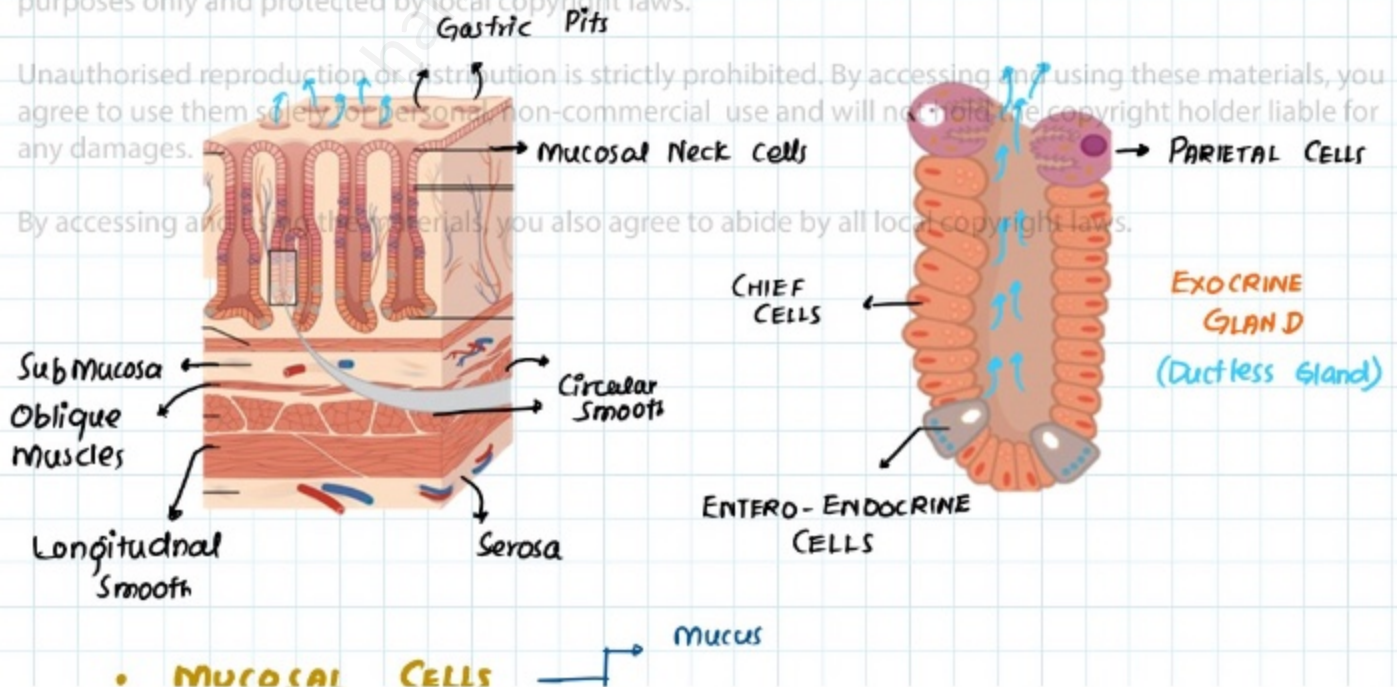
* Mucosal layer of Stomach composed of **Columnar Epithelial** Cells.



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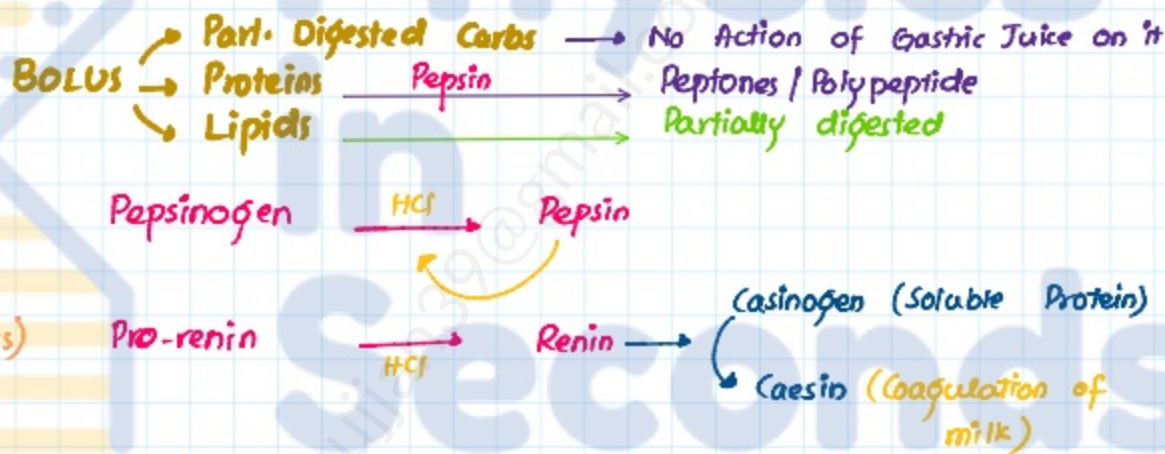
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- **MUCOSAL CELLS**
 - Mucus
 - Bicarbonate
- **PARIETAL CELLS** (Oxyntic cells)
 - HCl (2-3 pH)
 - IF (Intrinsic Factor) → Glycoprotein in Nature
- **CHIEF CELLS** (Zymogen/Peptic cells)
 - Pepsinogen → Pepsin → Non-specific in Action
 - Gastric Lipase
- **ENTEROCHROMAFIN CELLS** → Histamine (Stimulate Acid)

GASTRIC JUICE (400-800 ml / Each meal)



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