

B48  
Chylomicron  
intestine

B100  
VLDL  
Liver

B100  
IDL  
Liver

B100  
LDL  
Liver

LPL  $\rightarrow$  C-II

X LPL

(HDL)

# Digestion

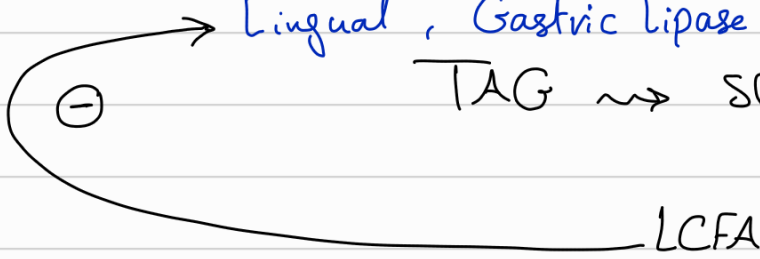
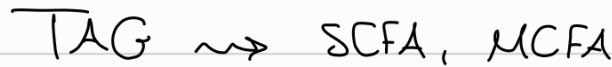
① Oral Cavity (minimal)

Lingual lipase



② Stomach (10-30%)

Lingual, Gastric lipase  $\rightarrow$  acid stable



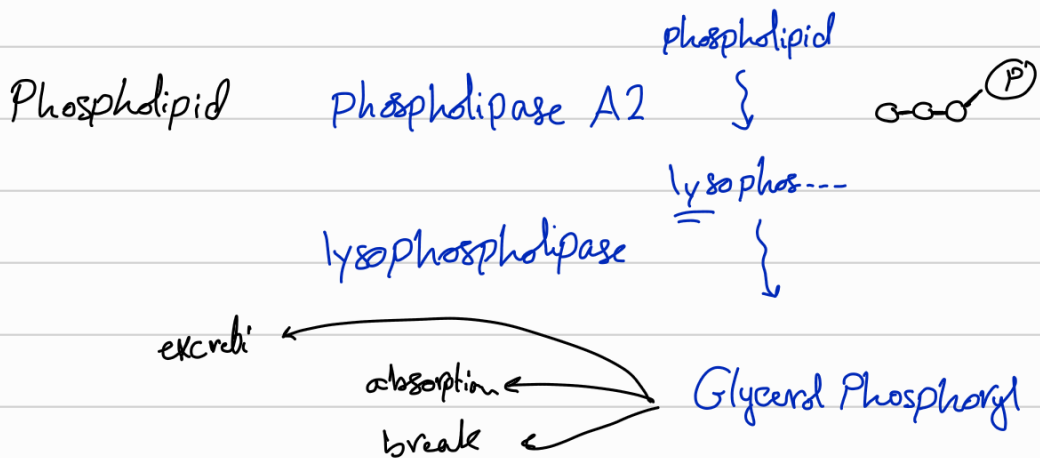
③ Intestine  $\xrightarrow{\text{Pancreas}}$  (50-70%)



X Colipase  $\rightsquigarrow$  Orphan disease

CE

Cholesterol Esterase



Pancreatic → intestine

emulsification

Micelle

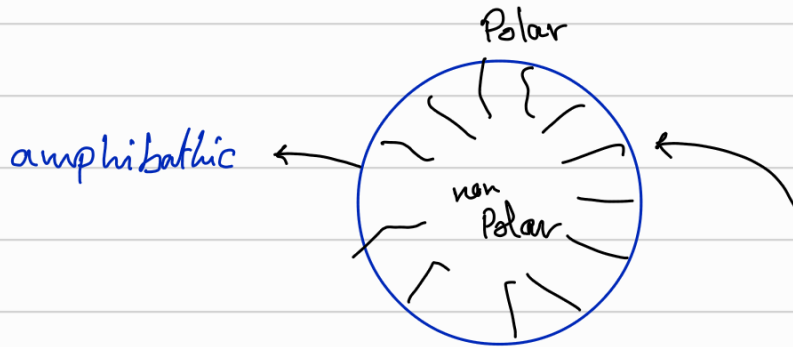
Bile

Cholesterol

Liver, Gallbladder

lipids → Hydrophobic

intestine → Micelle



B 100	B 48
VLDL, LDL, IDL	Chylomicron
Liver	Intestine

Same gene

