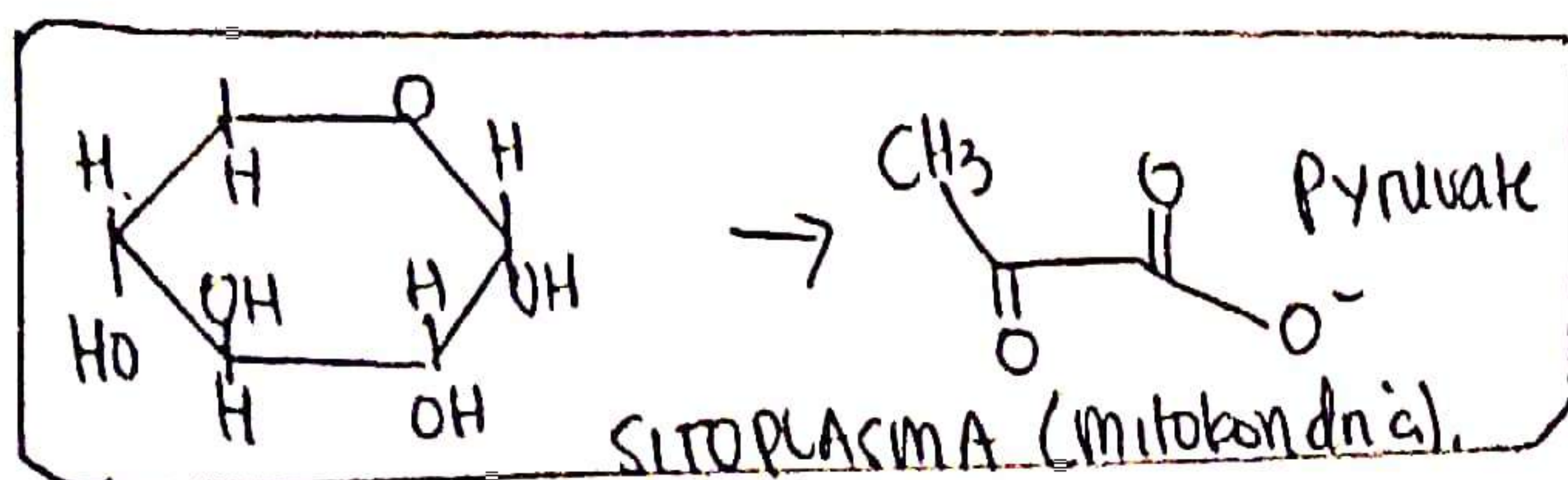
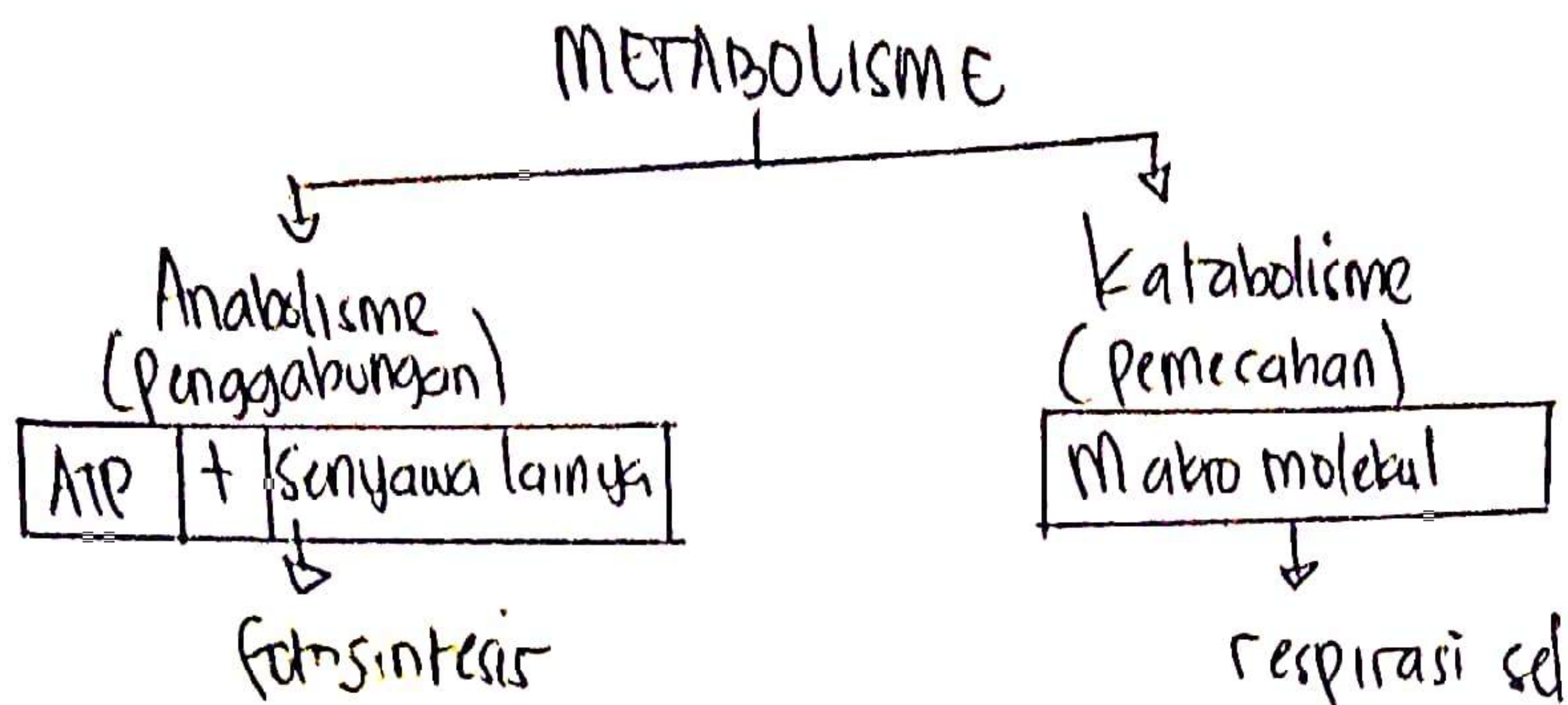
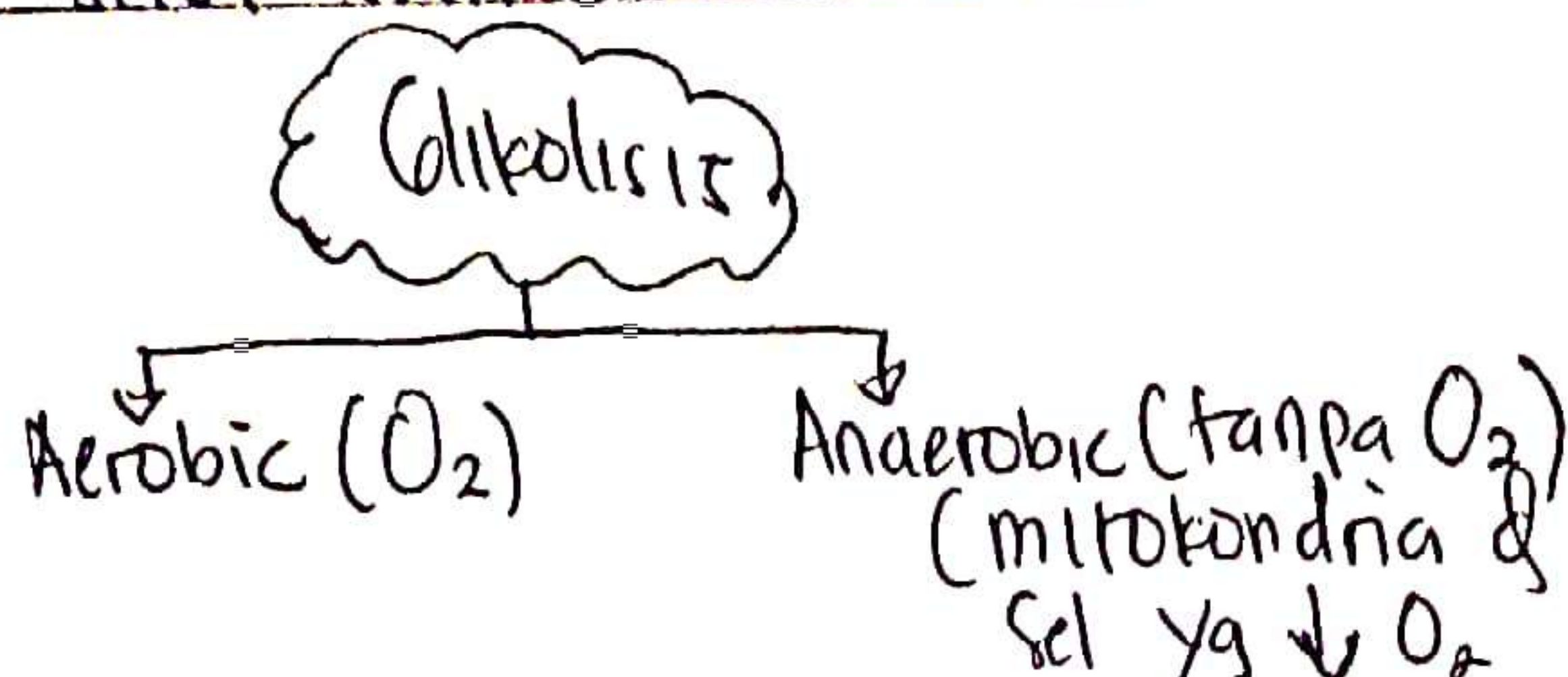


OLIKOLISIS

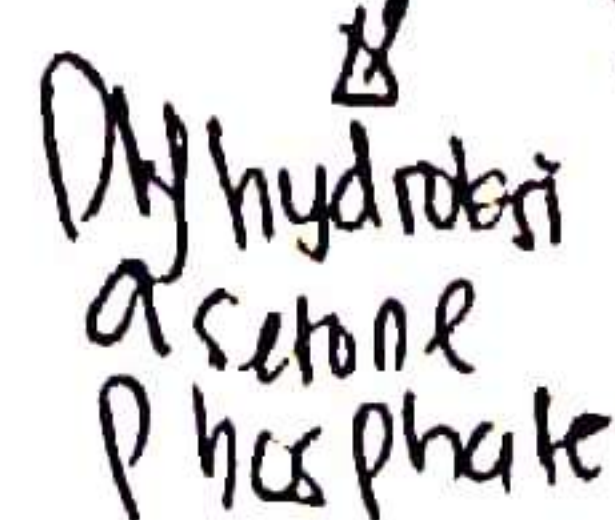
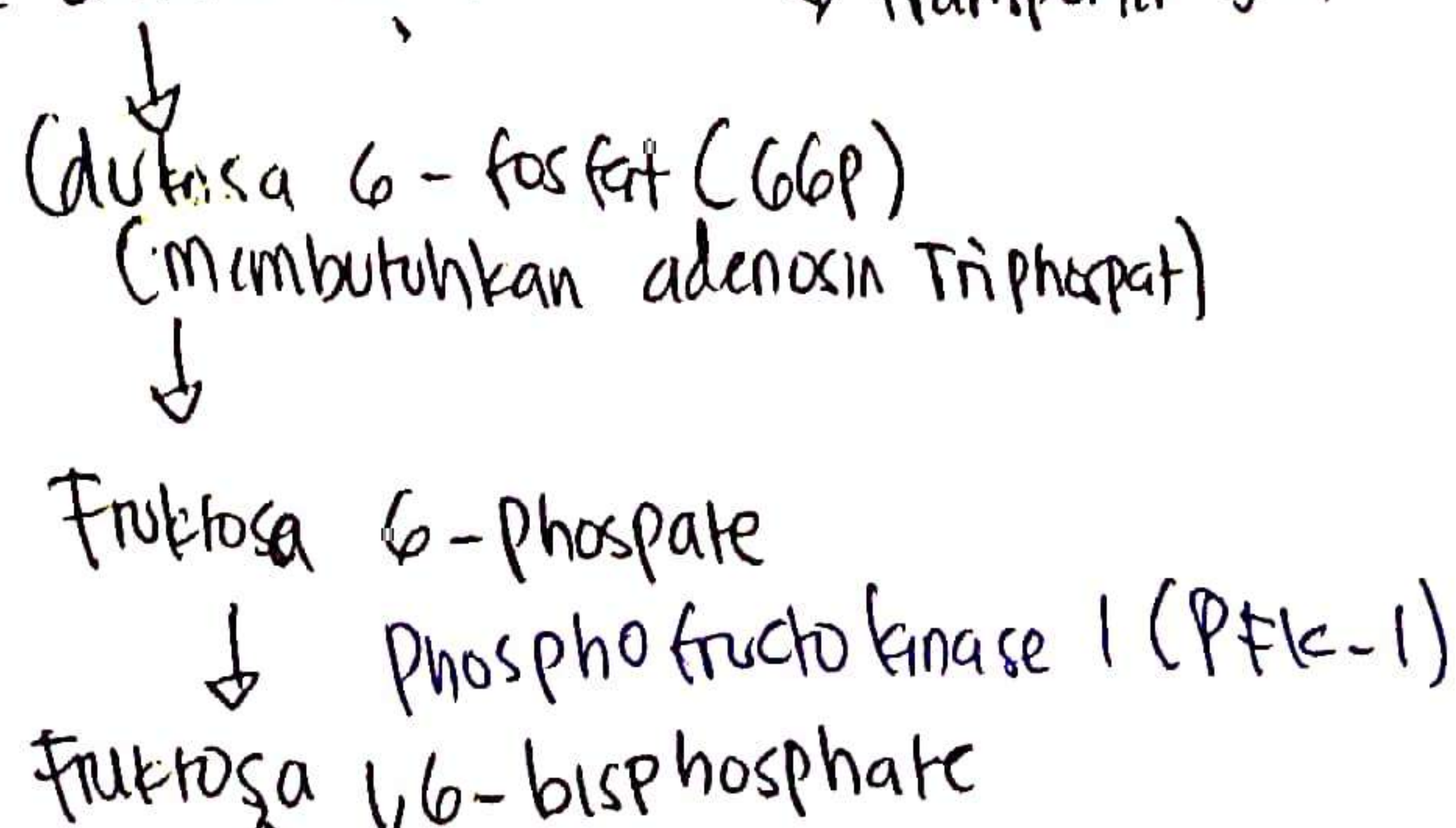
OLIKOLISIS



Tanpa mitokondria maka (X) glikolisis



Glikolisis $\rightarrow$ glukosa masuk dalam sel $\rightarrow$ SGLT $\begin{cases} \rightarrow$ transportasi berdasar Natrium \\ \rightarrow transporter glut



1,3 biphorm glisazale

3-phosphoglycerate

2-phosphoglycerate

[⊕] Phosphoenol pyruvate

↓
PIUVAT

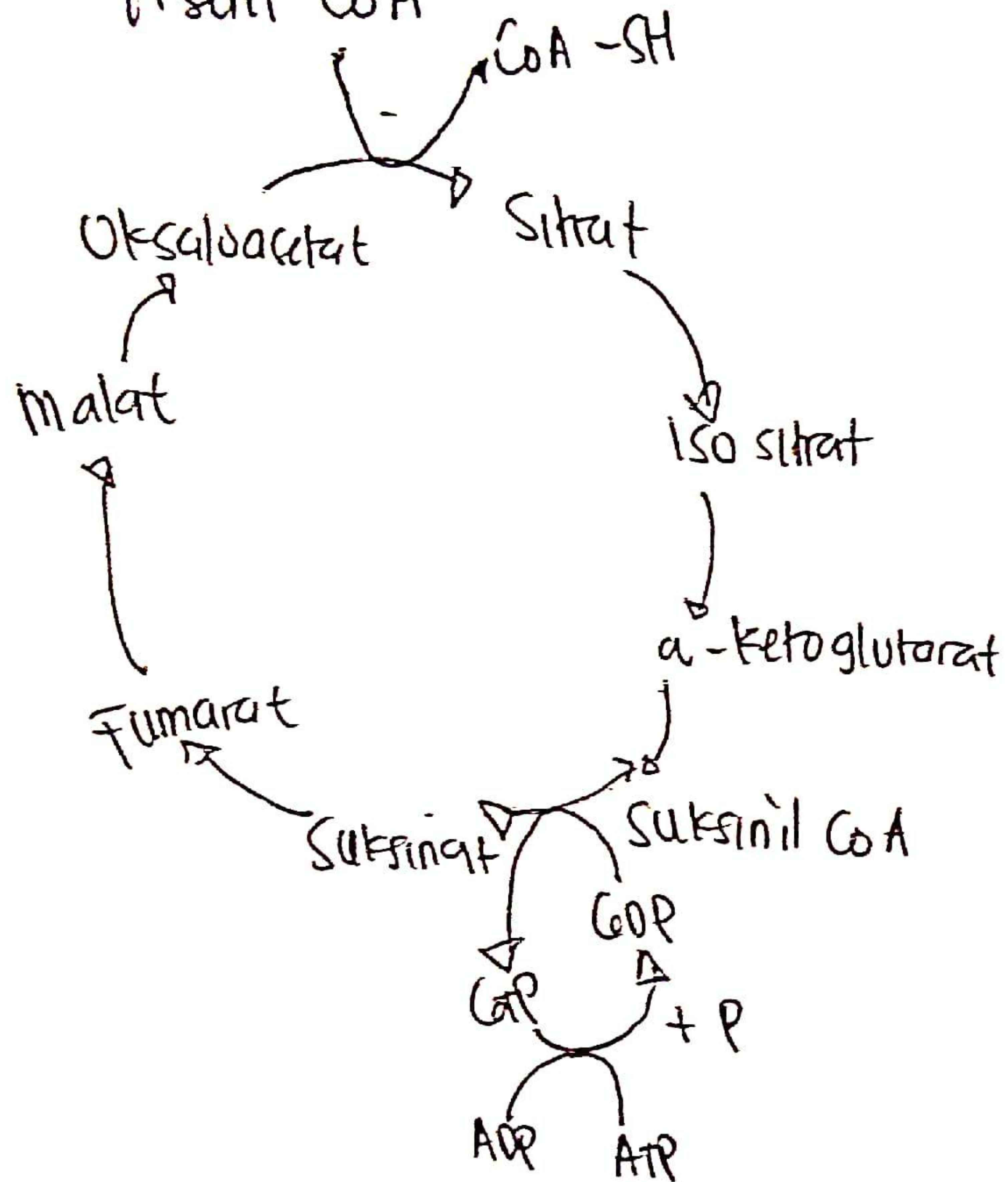
SIKLUS KREBS

asehi ko A

Siklus KREBS

Dimulai Dari

Asam Asam



RANTAI TRAFER ELEKTRON (RTE) & KEMIOSMOSIS

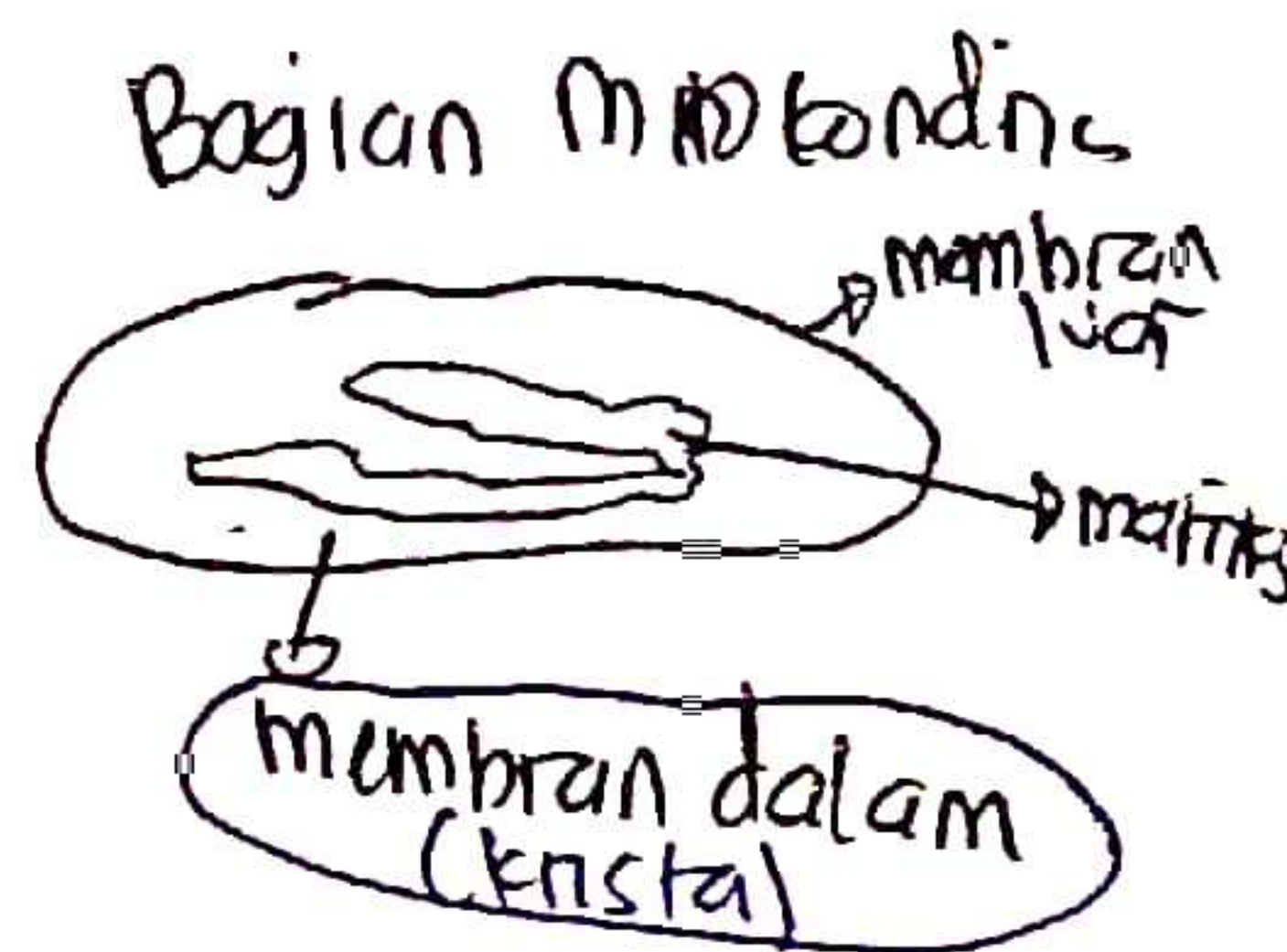


keterangan : NADH & FADH₂ merupakan energi tetapi belum dapat digunakan tubuh.

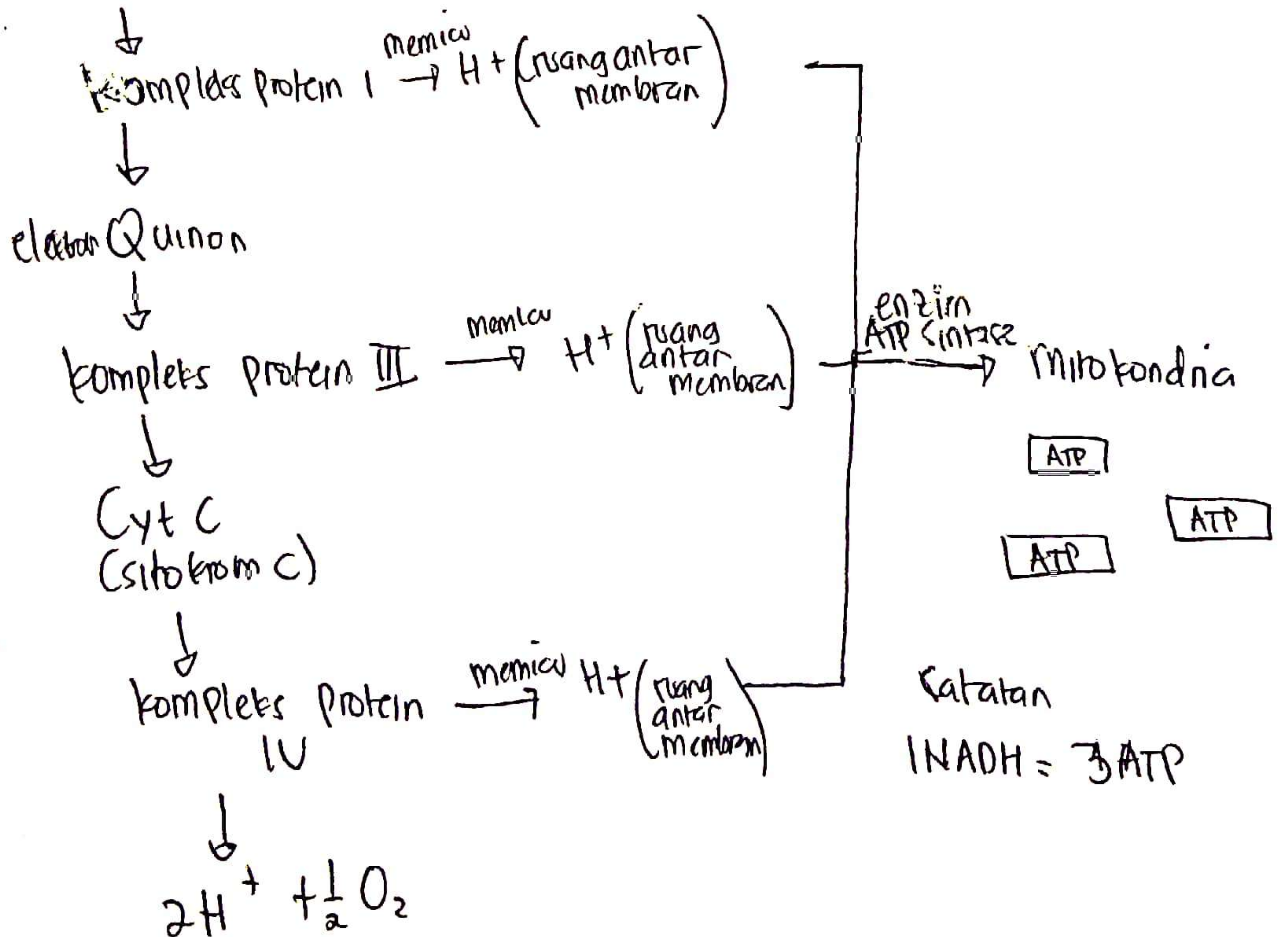
RTE = mitokondria

Reaksi dalam mitokondria

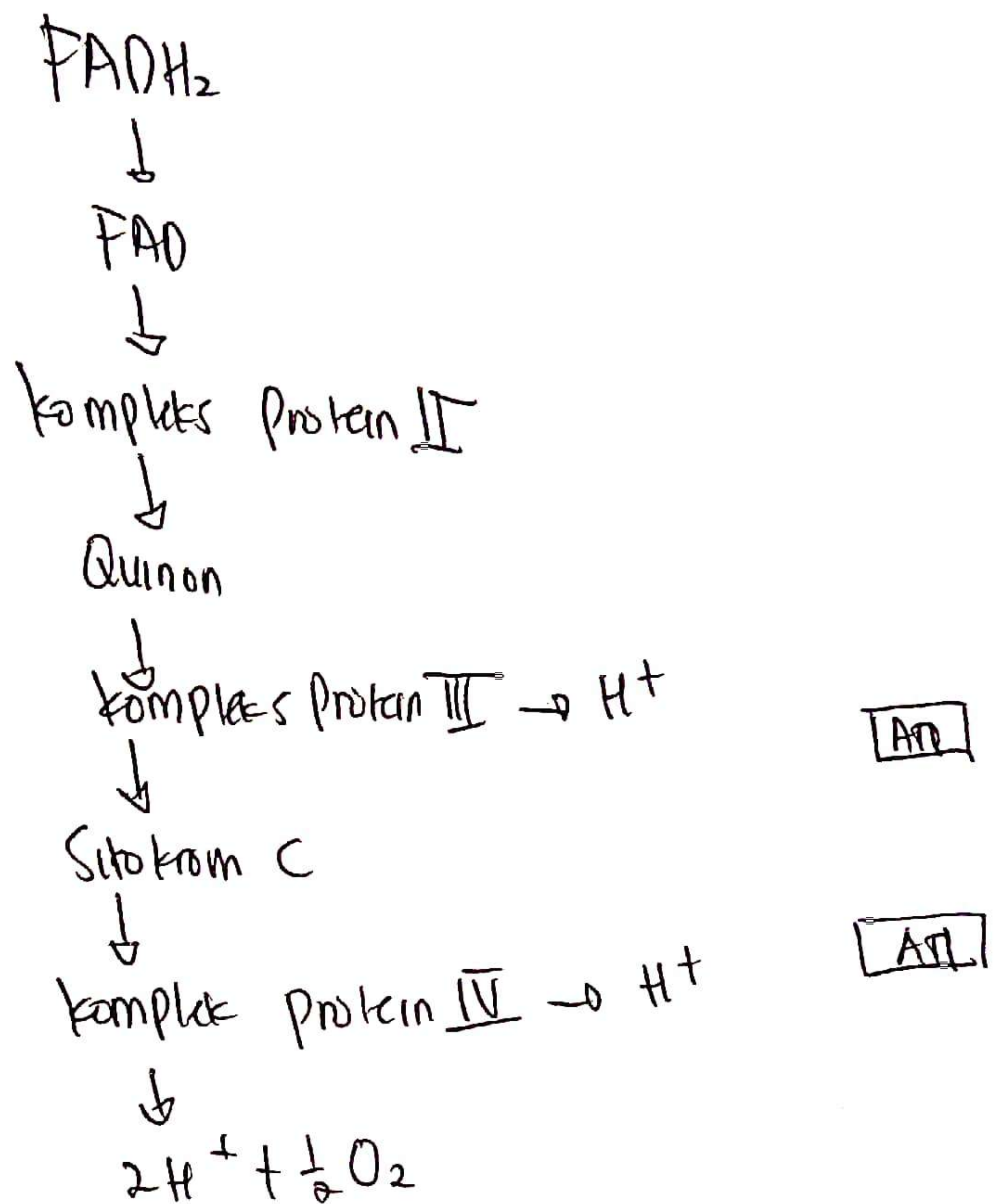
fosfolipid bilayer



FADH₂ FAO



Perubahan FADH_2 MENJADI ATP



$$1 \text{ FADH}_2 = 2 \text{ ATP}$$