AC
N₂
Stomach
Small intestine
Ascending Colon
pH = 5.6 – 5.9
V = 500 mL
Res. time = 20h

Air connections
pH controller
SHIME feed
Pancreatic juice
Bile salts

pH electrode
Pump
HMI modules

Cell medium
Sample collection

Liquid connection
SHIME bacteria

Liquid connection
HMI cells