

Pump connectors and tubes

Lids

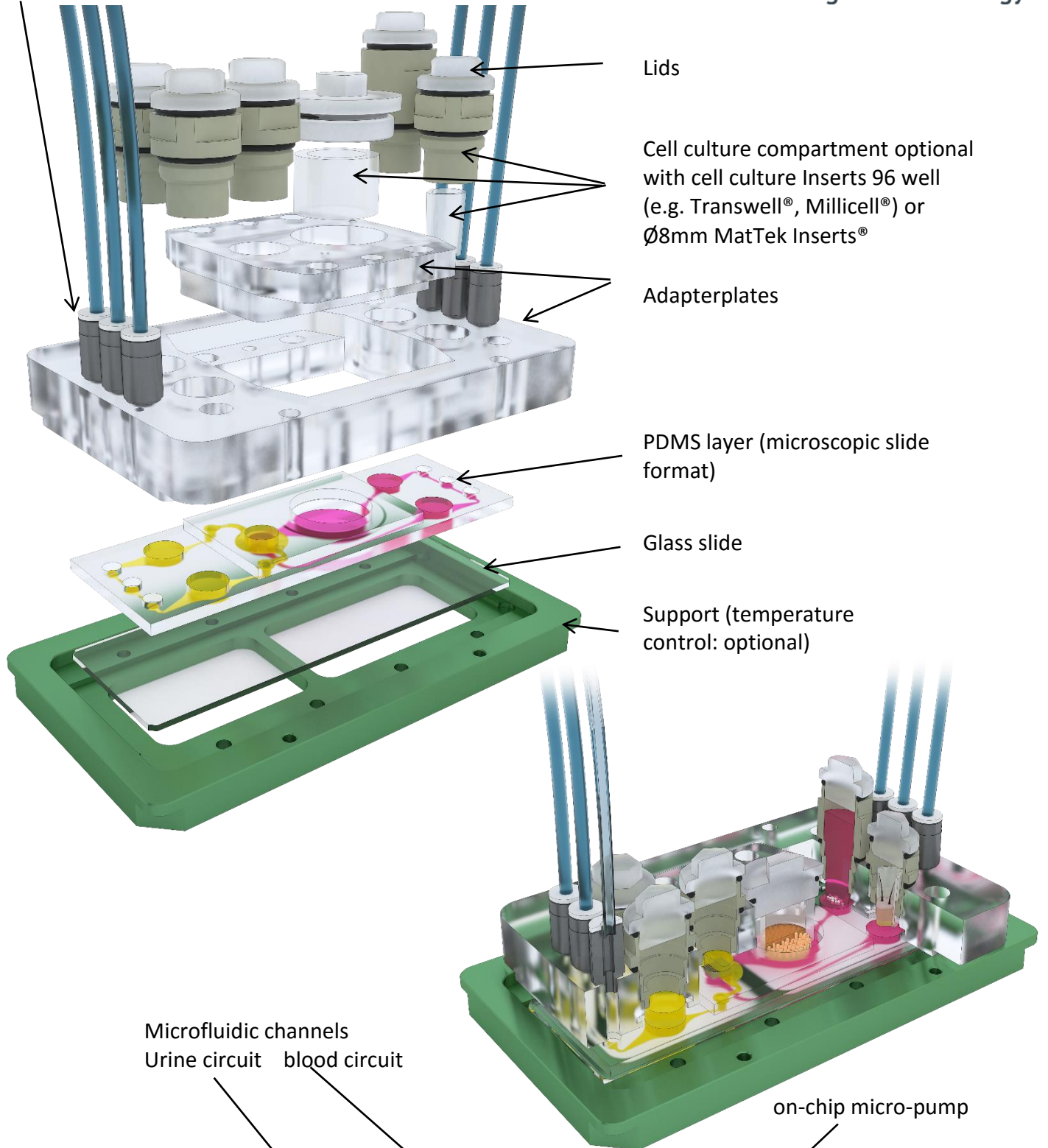
Cell culture compartment optional with cell culture Inserts 96 well (e.g. Transwell®, Millicell®) or Ø8mm MatTek Inserts®

Adapterplates

PDMS layer (microscopic slide format)

Glass slide

Support (temperature control: optional)



Microfluidic channels  
Urine circuit    blood circuit

on-chip micro-pump

culture compartments

View from below:

