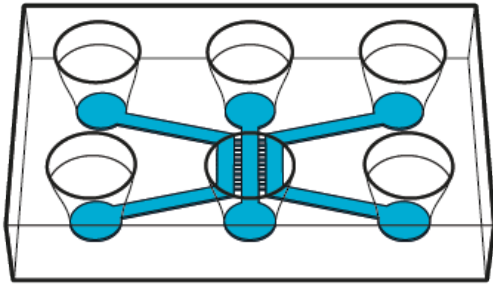


# TRIALINK™

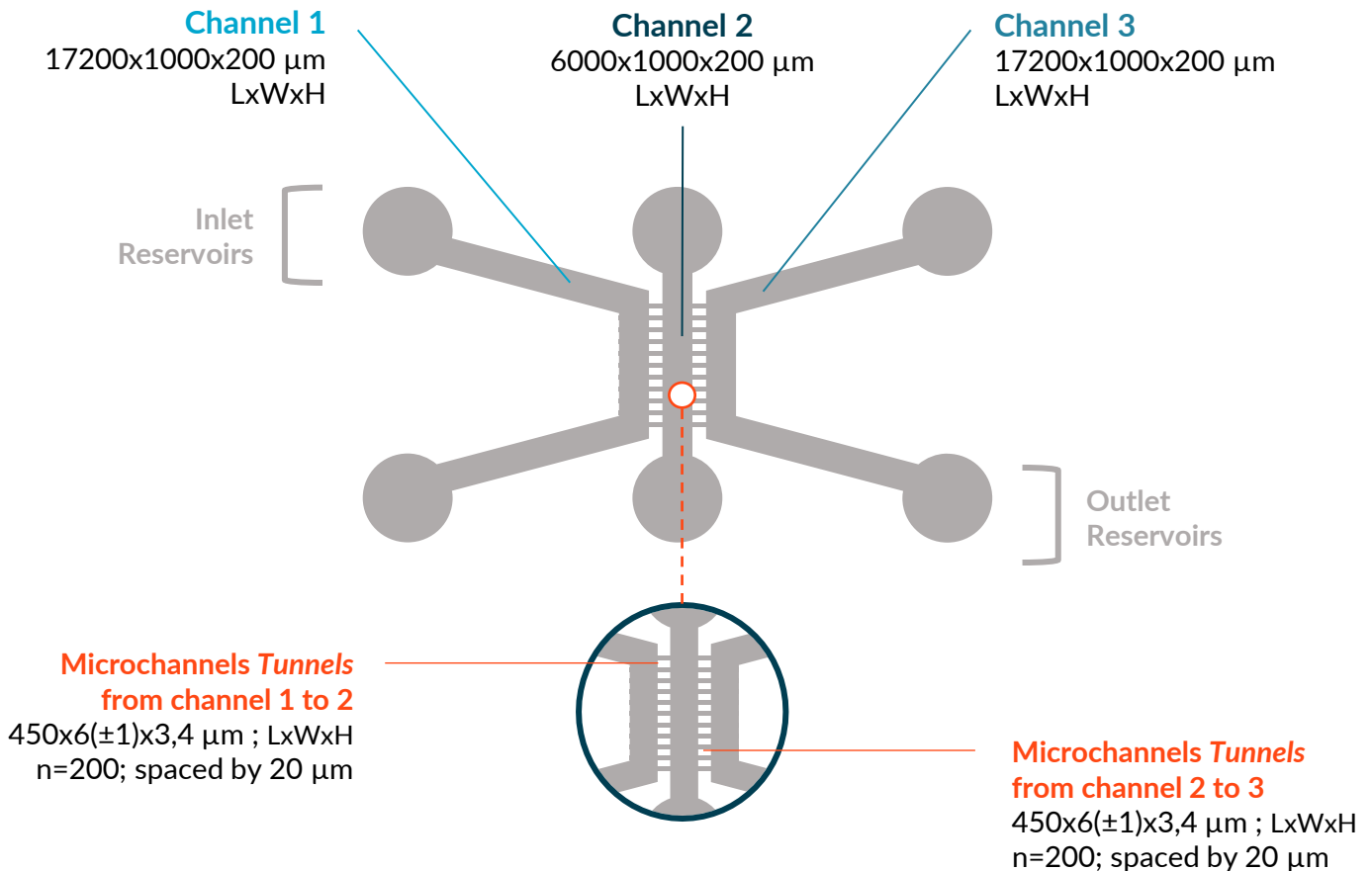


The TriaLink™ is a 3-compartments chip connected by microchannels *tunnels* technology that allow discontinuous connectivity.

3 compartments for cell culture.

Due to their micron scale, only cell extensions can grow within the microchannels, leaving the cell bodies within the compartments themselves.

## TECHNICAL SPECIFICATIONS



### Surface Area

**Channel 1**  
17.20 mm<sup>2</sup> (31.34 mm<sup>2</sup> with reservoirs)  
**Channel 2**  
6 mm<sup>2</sup> (15.34 mm<sup>2</sup> with reservoirs)  
**Channel 3**  
17.20 mm<sup>2</sup> (31.34 mm<sup>2</sup> with reservoirs)

### Volumes

**Channel 1**  
3.4 μL (117.3 μL with reservoirs)  
**Channel 2**  
1.2 μL (115.1 μL with reservoirs)  
**Channel 3**  
3.4 μL (117.3 μL with reservoirs)

### Formats

**Microfluidic chip**  
3x2 wells  
**QuarterBentos™**  
4 chips  
(52,6x34,6x6,2)  
**NeoBento™**  
SLAS standard 96-well plate  
(127,8x85,5x17,1 mm)

### Materials

**Microfluidic chip**  
PolyDiMethylSiloxane  
biocompatible and low compound absorbing  
(layer 170 μm thick + refractive index: 1.4)  
**NeoBento™**  
Polystyrene (1.4 mm thick + refractive index: 1.59)

# TRIALINK™

## APPLICATIONS

### Neurological applications

- Culture up to 3 different cell populations (neurons/glia cells or neurons/skin cells...)
- Cell migration/chemotaxis (microglia cells for example)
- Stress effect on skin cells (ROS...)
- Neuroinflammation (Multiple sclerosis, Cerebral tumors...)

And more...

## READOUTS

- Lysis Cell Analysis (LC / MS)
- Live Dead Assays
- Live Staining
- ImmunoFluorescence
- ELISA Active Biomarkers
- Calcium Imaging
- Human cells (apparently healthy, diseased, engineered...)
- Rodent cells

## MORE INFORMATION

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