

BE-GRADIENT is a versatile microfluidic device for cell culture under biomimetic conditions. It allows to perform cell cultures under chemical gradients. The optical transparency of the polymers used make possible monitor experiments with phase contrast, fluorescence and confocal microscopy.

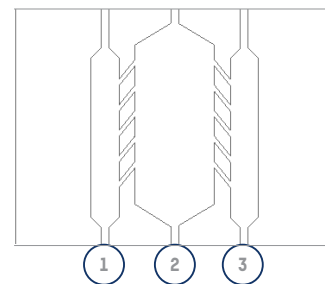
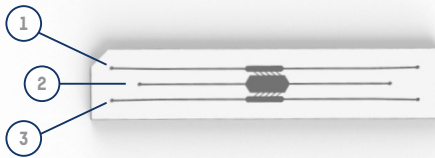
Examples of applications are cell/spheroid invasion and migration, angiogenesis, metastasis, vasculogenesis, chemotaxis, ischemia, cell differentiation or oxidative stress.

For further information, please visit <https://beonchip.com/be-gradient/> or contact **BEOCNHIP**

MATERIAL

BE-GRADIENT chips are made of biocompatible plastic and are gas-impermeable, for effective gradients of CO₂, O₂, etc. They have excellent optical properties, with high transparency and low auto-fluorescence.

TECHNICAL FEATURES



	Height	Total Volume
Lateral 1	300 µm	3 µL
Central 2	300 µm	4 µL
Lateral 3	300 µm	3 µL

Chamber	Height	Volume
Lateral 1	300 µm	1 µL
Central 2	300 µm	3 µL
Lateral 3	300 µm	1 µL

CONTENT

The product reaches the user sterilized and encapsulated in a Petri dish (three BE-GRADIENT devices per Petri dish and 10 Petri dishes per box). It can be stored in dry places which are not exposed to direct sunlight at room temperature (15-25°C).

