

Microfluidic Chip Products

CREATIVE BIOLABS OFFERS ONE-STOP MICROFLUIDIC SOLUTIONS WITH A WIDE RANGE OF READY-TO-USE MICROFLUIDIC CHIPS TO MEET THE UNIQUE NEEDS OF OUR CLIENTS.



Simple Pattern Chips

These chips boast a meticulously crafted yet elegantly simplistic design, featuring a singular channel, exclusively tailored for cutting-edge research in cell cultivation and the simulation of shear forces.

Cat. No.	Product Name	Application	Material
MFMM-0723-JS2	Synvivo-Bifurcating Channel Chips	Cellular Behavior, Cell-cell/Particle Interaction, Cell Adhesion	PDMS
MFMM-0723-JS3	Synvivo-Linear Channel Chips	Cell Adhesion, Shear Force Effect	PDMS
MFMM-0723-JS6	Cross Channel Chips	Capillary Electrophoresis, Shear Force Effect	PDMS
MFMM-0723-JS7	Straight Channel Chip	Shear Force Effect, Toxicology Screening, Biological Detection	PDMS
MFMM1-GJS1	BE-Flow Standard	2D/3D Cell Culture, Shear Stress Effect, Vascular Disease Research	COC/COP
MFMM1-GJS5	BE-Flow Custom	2D/3D Cell Culture, Shear Stress Effect, Cellular Behavior	COC/COP

Functional Pattern Chips

This distinguished collection of chips embodies a sophisticated structural complexity, meticulously engineered to cater to discerning needs for specific functionalities, exemplifying unparalleled excellence.

Cat. No.	Product Name	Application	Material
MFMM-0723-JS5	Continuous-Flow PCR Chips	Continuous-flow PCR	PDMS
MFMM-0723-JS8	Gradient Chips	Gradient Generation, Cell Migration	PDMS
MFMM-0723-JS9	BE-Gradient Barrier-Free	Cell Migration, 3D Ischemia Model, Vasculature-like Network Development, Blood-brain Barrier Model	COC/COP
MFCH-001	Herringbone Microfluidic Chip	Chaotic Stirring for Mixing Two Liquids, Liposome Production	GLASS
MFCH-002	Centrifuge Microfluidic Chip	Cell Sorting, Nucleic Acid Analysis, Blood Analysis	PDMS
MFCH-008	Particle & Cell Spiral Sorting Microfluidic Chip	Particle & Cell Separation	PDMS
MFMM1-GJS2	BE-Gradient Standard	Electrochemical Gradient Generator, Nutrient/Oxygen or Drug Gradients, Cell Migration/Angiogenesis	COC/COP
MFMM1-GJS3	BE-Transflow Standard	3D ALI Chip, 3D Inflammation Model, 3D Cancer Model, 3D Toxicology Model	COC/COP
MFMM1-GJS6	BE-Transflow Custom	3D Blood Brain Barrier Model, 3D Inflammation Model, 3D Cancer Model, 3D ALI Chip	COC/COP

Droplet Generator

In response to your quest for extraordinary experimental acumen, we have meticulously curated an assemblage of cutting-edge droplet generators, seamlessly accommodating diverse requirements and material specifications, poised to satisfy your insatiable hunger for swift experiment initiation.

Cat. No.	Product Name	Application	Material
MFCH-003	Serpentine Droplet Generator Microfluidic Chip	Produce Droplets at The T-junction Of The Chip, Single Cell Encapsulation	PDMS
MFCH-004	Nanoparticle Generation Microfluidic Chip	Nanoparticles Generation	PDMS or COC
MFMM-0723-JS4	Janus Microsphere Generation Chip	Janus Particle Generation, Single-cell Sequencing	PDMS
MFMM-0723-JS11	Flow Focusing Droplet Generation Chip	Water in Oil Droplet, Oil in Water Droplet, Single Cell Encapsulation	PDMS
MFMM-0723-JS10	Flow Focusing Droplet Generation Chip-Glass	Droplet Generation, Single Cell Encapsulation	GLASS
MFMM-0723-JS12	Double Emulsion Droplet Chip	Double-emulsion Droplet Generation, Aqueous Microreactor Construction	GLASS

Organ on A Chip

Immerse yourself in our illustrious assortment of organ chips, meticulously curated to satiate a vast spectrum of physiological and pathological research aspirations. With utmost expediency and user-friendliness, our repository empowers you to effortlessly traverse through an array of chip options, ensuring unparalleled convenience in your scientific pursuits.

Cat. No.	Product Name	Application	Material
MFCH-005	3D Cell Culture Chip-Neuron	Neuron Cell Culture, Axon Transport, Axon Protein Synthesis, Axon Damage/Regeneration	PDMS
MFCH-006	Integrated 3D Cell Culture Chip	Cancer-on-a-chip, Organ-on-a-chip	PDMS
MFCH-007	Multifunction 3D Cell Co-Culture Chip	Cell Migration, 3D Cell Culture	PDMS
MFCH-009	Synvivo-Idealized Co-Culture Network Chips (IMN2 Radial)	3D Blood Brain Barrier Model, 3D Inflammation Model, 3D Cancer Model, 3D Toxicology Model	PDMS
MFCH-010	Synvivo-Idealized Co-Culture Network Chips (IMN2 TEER)	3D Blood Brain Barrier Model, 3D Inflammation Model, 3D Cancer Model, 3D Toxicology Model	PDMS
MFCH-011	Synvivo-Idealized Co-Culture Network Chips (IMN2 Linear)	3D Inflammation Model, 3D Cancer Model, 3D Toxicology Model, Organ-on-A-Chip	PDMS
MFCH-012	Synvivo-SMN2 microvascular network Co-Culture Chips	3D Inflammation Model, 3D Cancer Model, 3D Toxicology Model, 3D Lung Model	PDMS
MFMM-0723-JS1	Synvivo-SMN1 Microvascular Network Chips	Flow research, Shear stress effect, Vascular disease research, Drug delivery	PDMS
MFMM1-GJS4	BE-Doubleflow Standard	3D ALI Chip, 3D Inflammation Model, 3D Cancer Model, 3D Toxicology Model	COC/COP
MFMM1-GJS7	BE-Doubleflow Custom	3D Blood Brain Barrier Model, 3D Inflammation Model, 3D Cancer Model, 3D ALI Chip	COC/COP

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