



Biological Hydrogel Products

Application: Tissue engineering biomedicine

3D bioprinting | 3D cell culture | Controlled release of drug loading | Light-curing hydrogel | Hydrogel dyes |
Microneedle preparation kit

- Photocurable Biomaterials**

Item	Catalog #	Specification
Methacrylated Gelatin (GelMA) - Hot sale	GM-30	1g/tube, free initiator 5g/pack, initiator not included 10g/pack, initiator not included
Methacrylated Gelatin (GelMA) - Hot sale	GM-60	1g/tube, free initiator 5g/pack, initiator not included 10g/pack, initiator not included
Methacrylated Gelatin (GelMA) - Hot sale	GM-90	1g/tube, free initiator 5g/pack, initiator not included 10g/pack, initiator not included
Cold-Sensitive Methacrylated Gelatin	GM-WT001	5g/bottle, free initiator
Cold-Sensitive Methacrylated Gelatin - Hot sale	GM-WT001	5g/bottle × 6, free initiator
Porous Methacrylated Gelatin - Hot sale	GM-PR-001	0.6g/tube × 2, initiator included
Porous Methacrylated Gelatin - Hot sale	GM-PR-002	0.6g/tube × 2, initiator included
Red Fluorescent GelMA - Hot sale	GM-RF-30	0.5g/tube, free initiator
Red Fluorescent GelMA - Hot sale	GM-RF-60	0.5g/tube, free initiator
Red Fluorescent GelMA - Hot sale	GM-RF-90	0.5g/tube, free initiator
Green Fluorescent GelMA	GM-GF-30	0.5g/tube, free initiator
Green Fluorescent GelMA	GM-GF-60	0.5g/tube, free initiator
Green Fluorescent GelMA	GM-GF-90	0.5g/tube, free initiator
Blue Fluorescent GelMA	GM-BF-30	0.5g/tube, free initiator
Blue Fluorescent GelMA	GM-BF-60	0.5g/tube, free initiator
Blue Fluorescent GelMA	GM-BF-90	0.5g/tube, free initiator
Phenylboronic Acid-Modified Methacrylated Gelatin (GelMA-PBA) – New - Hot sale	GM-PBA001	1g/tube, free initiator
Methacrylated Sodium Alginate (AlgMA) - Hot sale	AlgMA-50K	0.5g/tube, free initiator
Methacrylated Sodium Alginate (AlgMA) - Hot sale	AlgMA-300K	0.2g/tube, free initiator



Item	Catalog #	Specification
Methacrylated Hyaluronic Acid (HAMA) - Hot sale	HAMA-150K	0.5g/tube, free initiator 2.5g/pack, initiator not included 5g/pack, initiator not included
Methacrylated Hyaluronic Acid (HAMA) - Hot sale	HAMA-400K	0.2g/tube, free initiator 1g/pack, initiator not included 2g/pack, initiator not included
Phenylboronic Acid-Modified Methacrylated Hyaluronic Acid (HAMA-PBA) - New - Hot sale	HAMA-PBA001	0.5g/tube, free initiator
Methacrylated Silk Fibroin (SilMA) - Hot sale	SilMA-001	1g/tube, free initiator 5g/pack, initiator not included 10g/pack, initiator not included
Methacrylated Chitosan (CSMA) - Hot sale	S-CSMA-100K	10ml/tube, initiator included
Methacrylated Carboxymethyl Chitosan (CMCSMA)	CMCSMA-200K	0.2g/tube, free initiator
Methacrylated Dextran (DexMA)	DexMA-200K	1g/tube, free initiator
Methacrylated Dextran (DexMA)	DexMA-500K	1g/tube, free initiator
Methacrylated Chondroitin Sulfate (ChSMA) - Hot sale	ChSMA-001	0.5g/tube, free initiator
Poloxamer F127 Diacrylate (F127DA)	F127DA-001	1g/tube, free initiator
Poloxamer F127 Diacrylate (F127DA) - Hot sale	F127DA-001	5g/tube, free initiator
Polyethylene Glycol Diacrylate (PEGDA)	PEGDA-400	10g/tube
Polyethylene Glycol Diacrylate (PEGDA)	PEGDA-600	10g/tube
Polyethylene Glycol Diacrylate (PEGDA)	PEGDA-1K	10g/tube
4-Arm Polyethylene Glycol Acrylate (4-Arm-PEG-AC)	4ArmPEGAC-2K	1g/tube
Methacrylated Poly-L-Lysine (PLMA) - Hot sale	PLMA-001	0.5g/tube, free initiator
N-Acryloyl Glycinamide (NAGA Bioink) - Hot sale	NAGA	2g/tube, free initiator
Acrylated Carboxybetaine Zwitterionic Polymer (PCBOAA) - Hot sale	PCBOAA	1g/tube, free initiator

• Composite Functional Hydrogels

Item	Catalog #	Specification
Dual-Barrel Ready-to-Mix PEG Hydrogel (Kit) - Hot sale	MixPEG-001	1 kit/pack, includes dual-barrel applicator (kit)
Phenylboronic Acid-Modified Gelatin (Gel-PBA) - New	Gel-PBA001	1g/tube
Phenylboronic Acid-Modified Hyaluronic Acid (HA-PBA) - New	HA-PBA001	0.5g/tube



Item	Catalog #	Specification
Phenylboronic Acid-Modified Hyaluronic Acid (HA-PBA) - New	HA-PBA002	0.5g/tube
Phenylboronic Acid-Modified Chondroitin Sulfate (ChS-PBA) - New	ChS-PBA001	0.5g/tube
Phenylboronic Acid-Modified Sodium Alginate (Alg-PBA) - New	Alg-PBA001	0.5g/tube
Oxidized Dextran (ODex) - New	ODex-001	1g/tube
Oxidized Hyaluronic Acid (OHA) - New	OHA-001	1g/tube
Aldehyde-Functionalized Poloxamer F127 (F127-CHO) - New	F127-CHO-001	1g/tube
Aldehyde-Functionalized Poloxamer F127 (F127-CHO) - New	F127-CHO-001	5g/tube

• Auxiliary Molding Tools

Item	Catalog #	Specification
Dual-Barrel Applicator (Kit) - Hot sale	MixDS-001	1 pack/set

• Photocurable Hydrogel Modification Materials

Item	Catalog #	Specification
Acrylated RGD Peptide - Hot sale	Pep-RGDfKAC	40mg/tube
Acrylate-PEG-NHS Ester - Hot sale	AC-PEG-NHS-2K	0.2g/tube
Methacrylated Dopamine (DMA) - New -Hot sale	DMA-001	100mg/tube

• Photoinitiators

Item	Catalog #	Specification
Photoinitiator LAP - Hot sale	LAP	250mg/tube
Photoinitiator LAP - Hot sale	LAP	1g/tube
Photoinitiator I2959	I2959	2g/tube
Photoinitiator TPO-L	TPOL	1g/tube

• Curing Light Sources

Item	Catalog #	Specification
Portable Curing Light - Rechargeable Handheld - Hot sale	LS-1600-405	1 unit/set, charger included
Portable Curing Light - Rechargeable Handheld	LS-1600-365	1 unit/set, charger included
Portable Curing Light - Desktop, Timer-Enabled - Hot sale	LS-1601-405	1 unit/set, goggles included

• Hydrogel Dyes



Item	Catalog #	Specification
Ene-Conjugated Hydrogel Fluorescent Dye - Red - Hot sale	DYE-UF-ENE-R	100mg/tube
Ene-Conjugated Hydrogel Fluorescent Dye - Green	DYE-UF-ENE-G	100mg/tube
Ene-Conjugated Hydrogel Fluorescent Dye - Blue	DYE-UF-ENE-B	100mg/tube
Anti-Diffusion Hydrogel Dye - Hot sale	DYE-ND	2g/tube × 5 colors
Fluorescent Microspheres - Red	DYE-FM-R	1ml/tube
Fluorescent Microspheres - Green	DYE-FM-G	1ml/tube
Fluorescent Microspheres - Blue	DYE-FM-B	1ml/tube

• Detection Reagents

Item	Catalog #	Specification
GelMA Lysis Buffer - Hot sale	GM-LS-001	100mg/tube
AlgMA Lysis Buffer - New - / Best Seller	AM-LS-001	0.5g/tube
Live/Dead Cell Staining Kit - Hot sale	CLD-001	1000T/tube
TRITC-Phalloidin (Rhodamine-Labeled Phalloidin) - Hot sale	FA-001	300T/tube
Collagenase II	ColII-DE-001	100mg/tube
Lysozyme	LZ-DE-001	100mg/tube
Hyaluronidase	HA-DE-001	100mg/tube

• 2D/ 3D Cell Culture Accessories

Item	Catalog #	Specification
Low-Attachment Sterile Culture Plate	TCP-0024	20 plates/box
Low-Attachment Sterile Culture Plate - Hot sale	TCP-0024	50 plates/box
Curing Ring - for 24-Well Plate	SCR-3D-24-2-12	12 pcs/set, 1 anti-stick film
Curing Ring - for 24-Well Plate - Hot sale	SCR-3D-24-2-50	50 pcs/set, 2 anti-stick films
Curing Ring - for 48-Well Plate	SCR-3D-48-1-12	12 pcs/set, 1 anti-stick film
Curing Ring - for 48-Well Plate - Hot sale	SCR-3D-48-1-50	50 pcs/set, 2 anti-stick films
Anti-Stick Film - for Hydrogel/Resin - Hot sale	GRF-001	4 sheets/pack, double-sided anti-stick
Anti-Stick Film - for Hydrogel/Resin	GRF-002	4 sheets/pack, single-sided anti-stick

• Basic Biomaterials



Item	Catalog #	Specification
Decellularized Small Intestinal Submucosa (SIS) - New	ECM-SIS001	1g/tube
Type I Collagen - Hot sale	COL1-S001	1g/tube
Degummed Silk Fibroin	DS-001	10g/tube
Water-Soluble Silk Fibroin - Hot sale	SF-001	1g/tube
Gelatin - Hot sale	GEL-001	10g/tube
Sodium Hyaluronate - Hot sale	HA-150K	2g/tube
Sodium Hyaluronate - Hot sale	HA-400K	2g/tube
Chitin	Chitin-001	10g/tube
Chitosan	CS-100K	5g/tube
Quaternized Chitosan (HACC)	HACC-001	5g/tube
Sodium Alginate	Alg-50K	10g/tube
Sodium Alginate	Alg-300K	10g/tube
Dextran	Dex-200K	5g/tube
Dextran	Dex-500K	5g/tube
Carboxymethyl Chitosan	CMCS-200K	5g/tube
Chondroitin Sulfate	ChS-50K	5g/tube
Polyvinyl Alcohol (PVA) - Hot sale	PVA-001	5g/tube
Poloxamer 407 (PEG-PPG-PEG, F127) - Hot sale	F127-001	10g/tube
Green Fluorescent-Labeled Sodium Alginate - Hot sale	FL-Alg-50K-G	0.2g/tube
Green Fluorescent-Labeled Sodium Alginate	FL-Alg-300K-G	0.2g/tube
Green Fluorescent-Labeled Hyaluronic Acid	FL-HA-150K-G	0.2g/tube
Green Fluorescent-Labeled Hyaluronic Acid	FL-HA-400K-G	0.2g/tube

• Micro & Nano Materials

Item	Catalog #	Specification
Nanoclay	Nano-Clay-001	10g/tube
Nano-Hydroxyapatite	Nano-nHA-001	10g/tube
β -Tricalcium Phosphate	Nano-TCP-001	5g/tube
GelMA Microspheres (Crosslinked) - Hot sale	MS-C-GM-50	0.2g/tube
GelMA Microspheres (Crosslinked) - Hot sale	MS-C-GM-50	0.2g/tube $\times$ 3
GelMA Microspheres (Crosslinked) - Hot sale	MS-C-GM-100	0.2g/tube
GelMA Microspheres (Crosslinked) - Hot sale	MS-C-GM-100	0.2g/tube $\times$ 3



• Conductive Materials

Item	Catalog #	Specification
Poly(3,4-ethylenedioxythiophene):Dextran Sulfate (PEDOT:DSS) - Hot sale	PEDOT-001	5ml/tube
Single-Walled Carbon Nanotubes (SWCNTs)	Conduc-SWCNTs	100mg/tube
Multi-Walled Carbon Nanotubes (MWCNTs)	Conduc-MWCNTs	100mg/tube
Graphene	Conduc-Graphene	100mg/tube
Graphene Oxide (GO)	Conduc-GO	100mg/tube

• Microneedle Products

Item	Catalog #	Specification
Microneedle Mold - Hot sale	MN-600	1 pc/pack
Microneedle Mold - Hot sale	MN-800	1 pc/pack
Microneedle Mold - New / Best Seller	MN-600-9	1 pc/pack
Microneedle Mold - Hot sale	MMN-260	1 pc/pack
Microneedle Mold - Hot sale	MMN-500	1 pc/pack
Microneedle Mold - Hot sale	MMN-600	1 pc/pack
Microneedle Mold - Hot sale	MMN-800	1 pc/pack
Microneedle Drying Kit - Hot sale	VLF-006	250g/box
Vacuum Degassing Device	VDM-001	1 unit/set
Microneedle Filling Device - Hot sale	VLF100	1 unit/set
Microneedle Fabrication Instrument - Hot sale	VLF1000	1 unit

• SpheroX™ Series

Item	Catalog #	Specification
SpheroX™ 96U Kit - 96-Well U-Bottom Spheroid Culture Plate Set - Hot sale	SP101	5 plates/set, coating solution included
Spheroid Mass-Production Culture Dish - Hot sale	SP102	1 dish/box
SpheroX™ 24 Kit - Ultra-Low-Attachment 24-Well Flat-Bottom Plate Set - Hot sale	SP201	4 plates/set, coating solution included

• Monodisperse Microsphere Generator Consumables

Item	Catalog #	Specification
PDMS Chip D50 Kit - Hot sale	MS-MFC-PDMS-50	1 unit/set, consumable kit included



Item	Catalog #	Specification
PDMS Chip D100 Kit - Hot sale	MS-MFC-PDMS-100	1 unit/set, consumable kit included
PDMS Chip D200 Kit - Hot sale	MS-MFC-PDMS-200	1 unit/set, consumable kit included
Metal Micro-Droplet Generator Kit - Hot sale	MS-MFC-METAL-D1	1 unit/set, consumable kit included
1ml Syringe	LJ-KFL1	100 pcs/box
5ml Syringe	LJ-KFL5	100 pcs/box
10ml Syringe	LJ-KFL10	100 pcs/box
Droplet Generation Oil Phase - Hot sale	MS-OP-001	250ml/tube
Silicone Tubing 001	MS-ST-001	5m/roll
Silicone Tubing 002	MS-ST-002	5m/roll
PDMS Chip Consumable Kit - Hot sale	MS-SUIT-PDMS	1 pack/set
Metal Micro-Droplet Generator Consumable Kit - Hot sale	MS-SUIT-METAL	1 pack/set

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• Renowned Customers

