

Cell & Gene Therapy Development Solutions

- **Discovery & Development**
- **CMC - Manufacturing**
- **CMC - Quality Control**
- **Preclinical / Clinical Studies**



Distribuito da:

DBA
ITALIA

Via Umbria 10, Segrate (MI)
<https://www.dbacompare.it>
info@dbaitalia.it
+39 02 26922300

Preface

Company Overview and Core Strengths

ACROBiosystems Group, founded in 2010 and listed in 2021, is a biotechnology company aimed at being a cornerstone of the global biopharmaceutical and healthcare industries by providing innovative products and business models. The company spans across the globe and maintains offices, R&D centers, and production bases in more than 15 different cities within the United States, Switzerland, the United Kingdom and Germany. ACROBiosystems Group has established numerous long-term and stable partnerships with the world's top pharmaceutical enterprises, including Pfizer, Novartis, and Johnson & Johnson, and numerous well-known academic institutes. The company comprises several subsidiaries such as ACROBiosystems, bioSeedin, Condense Capital, and ACRODiagnostics.

ACROBiosystems' brands include Resilient Supply, CytoPak, SAFENSURE, FLAG, Star Staining, Aneuro, ComboX, GENPower and many others. Its main products and services are recombinant proteins, kits, antibodies, scientific services, and other related products. ACROBiosystems employs a strict quality control system for its products that are used in biopharmaceutical research and development, production, and clinical application. This includes targeted discovery and validation, candidate drug screening/optimization, CMC development and pilot production, preclinical research, clinical trials, commercial production, and clinical application of companion diagnostics.

Through the continuous development of new technologies and products, ACROBiosystems Group creates value for the global pharmaceutical industry and actively empowers our partners. The company is dedicated to accelerating the drug development process, including targeted therapies, immunotherapeutic drugs, and their clinical applications, and contributes to global health.

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Delivering End-to-End Solutions for Cell & Gene Therapy Development

Cell & Gene Therapy (CGT) products are inherently complex and highly process-dependent. Their quality attributes span the entire lifecycle—from raw material selection, cell culture and gene modification, to manufacturing, analytical testing, and product release. Any deviation at a single stage may be amplified, impacting safety, efficacy, and consistency. Therefore, establishing an integrated, end-to-end solution covering R&D, manufacturing, and quality management is essential for the stable advancement and successful translation of CGT programs.

As CGT products progress toward clinical and commercial stages, regulatory expectations increasingly emphasize lifecycle risk control, critical quality strategies, and development continuity and traceability, rather than isolated test results. The absence of a systematic and well-connected process design can significantly increase uncertainties in scale-up, change management, and regulatory review.

Quality and compliance must therefore be embedded from the earliest stages of development. Introducing standardized, scalable products and analytical solutions at critical milestones enhances R&D efficiency, reduces revalidation risks, and lays a solid foundation for clinical and commercial success.

With deep insight into CGT technologies and global regulatory trends, ACROBiosystems has established a comprehensive portfolio of products and solutions spanning the entire CGT lifecycle—supporting raw material control, upstream cell culture and gene modification, process monitoring, analytical characterization, and release testing.

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Discovery & Development

CAR Target Proteins

Leveraging mature platforms for protein development, labeling, stable cell line construction, and flow cytometry analysis, ACROBiosystems provides key reagents for CAR cell therapy, offering CAR target proteins in non-labeled, biotinylated, and fluorescent formats. Our products cover nearly 80 popular CAR targets, including CD19, BCMA, CD22, MSLN, and GPC3, supporting applications such as animal immunization, scFv screening, CAR affinity assessment, and CAR expression detection, fully enabling CAR cell therapy development.

- Products List

Hematologic Tumor CAR Target Proteins

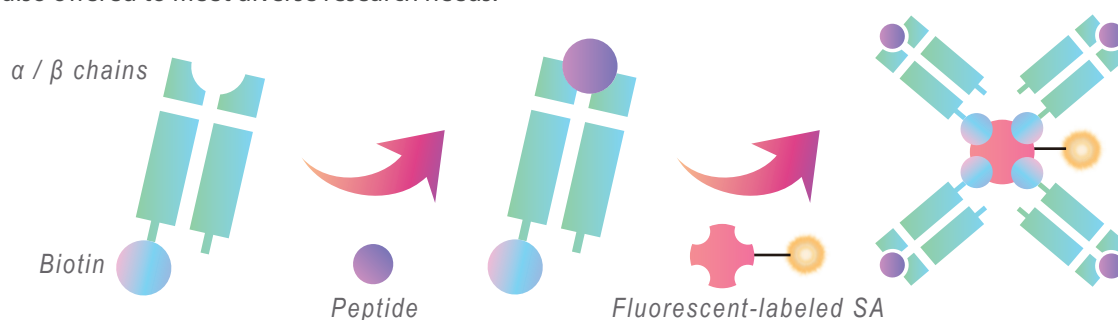
BCMA	CD19	CD123	CD138	CD20	CD22
CD30	CD33	CD37	CD38	CD4	CD5
CD56	CD7	CD72	CD99	CLL-1	CS1
GPRC5D	LILRB4				

Solid Tumor CAR Target Proteins

VEGFR2	uPAR	ROR1	PSMA	PSCA	NKG2D
Nectin-4	MUC16	MUC1	MSLN	IL13RA2	HGF R
HER3	HER2	GUCY2C	GPC3	FOLR1	FAP
EpCAM	EGFRVIII	EGFR	EBV	DLL3	CLDN18
CEA	CD70	CD47	CD147	CD133	CAIX
B7-H3					

MHC–Peptide Complexes

To support TCR research, we leverage mature protein structural design and eukaryotic expression platforms to avoid instability and misfolding seen in prokaryotic refolding methods. Using heavy- and light-chain co-expression, we developed a series of high-activity, naturally folded MHC–peptide complexes validated by flow cytometry, including targets such as NY-ESO-1, WT-1, GP100, and GPC3, available as monomers, tetramers, and various fluorescent formats. Custom development services are also offered to meet diverse research needs.



Schematic diagram of MHC–peptide complex tetramer assembly

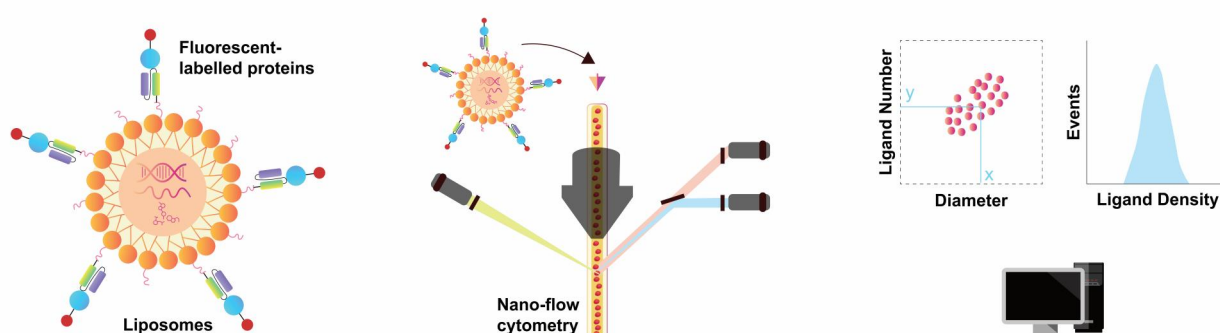
- Products List

MHC Allele						
Human classical MHC class I				Human classical MHC II	Mouse	Monkey
HLA-A*01:01	HLA-B*07:02	HLA-C*03:03	HLA-E*01:03	HLA-DQA1*03:02&DQB1*03:03	H-2Db	Mamu-A*01
HLA-A*02:01	HLA-B*08:01	HLA-C*03:04		HLA-DRA1*01:01&HLA-DRB1*04:01	H-2Kb	Mamu-A*08
HLA-A*02:06	HLA-B*15:01	HLA-C*07:02:01		HLA-DRA1*01:01&HLA-DRB1*11:01	H-2Kd	
HLA-A*03:01	HLA-B*15:02	HLA-C*08:01		HLA-DRA1*01:01&HLA-DRB1*15:01		
HLA-A*11:01	HLA-B*27:05					
HLA-A*24:02	HLA-B*40:01					
HLA-A*26:01						
HLA-A*30:01						
HLA-A*33:03						

Antigens						
AFP	CLIP	CMV pp65	CMV UL40	EBV	EBV BRLF1	EBV BZLF-1
EBV EBNA	EBV EBNA3A	EBV EBNA3B	EBV EBNA3C	EBV LMP1	EBV LMP2	EBV LMP2A
EGF R	EW	Glypican 3	gp100	HBV	HER2	HIV Gag
HPV	HPV16 E7	HPV16-E6	HPV16-E7	hTERT	Influenza HA	InsB
KRAS	KRASG12A	KRASG12C	KRASG12D	KRASG12R	KRASG12S	KRASG12V
MAGE-A1	MAGE-A10	MAGE-A2	MAGE-A3	MAGE-A4	MBP	NY-ESO-1
OVA	p53	PAP	PRAME	PSMA	RHAMM-R3	RM9
SSX-2	Survivin	Survivin Mut	Survivin-2B	TRP1	Vaccinia virus	WT-1

Antibody Density Detection Tools for Carriers (*In Vivo* CAR)

Targeting is critical for in vivo CAR cell therapies. To enhance delivery efficiency, antibodies are often conjugated to delivery vectors such as lipid nanoparticles (LNPs), forming antibody-conjugated LNPs (Ab-LNPs) that improve specificity for target cells. Common targeting antibodies include CD3, CD4, CD5, CD7, and CD8, guiding LNPs to T or B cells. The density and activity of LNP-conjugated antibodies are key quality, safety, and efficacy indicators. We offer a range of fluorescently labeled proteins with stable F/P ratios and high activity, validated for quantitative analysis of Ab-LNP antibody density.



- Products List

In Vivo CAR-T

Molecule	Cat. No.	Product Description
CD3E&CD3D	CDD-HA2W4	Alexa Fluor™ 647-Labeled Human CD3 epsilon & CD3 delta Heterodimer Protein, His Tag&Tag Free <i>Star Staining</i>
	CDD-HA2W5	Alexa Fluor™ 488-Labeled Human CD3 epsilon & CD3 delta Heterodimer Protein, His Tag&Tag Free <i>Star Staining</i>
	CDD-HP2E3	PE-Labeled Human CD3E & CD3D Protein, His,Avitag™ <i>Star Staining</i>
CD3 epsilon	CDE-HA2H3	Alexa Fluor™ 488-Labeled Human CD3 epsilon Protein, His Tag
	CDE-MA256	Alexa Fluor™ 488-Labeled Mouse CD3 epsilon Protein, Fc Tag
CD4	CD4-HA2H7	Alexa Fluor™ 488-Labeled Human CD4 Protein, His Tag <i>Star Staining</i>
	CD4-HA2H8	Alexa Fluor™ 647-Labeled Human CD4 Protein, His Tag <i>Star Staining</i>
	CD4-HA2H9	APC-Labeled Human CD4 Protein, His Tag <i>Star Staining</i>
	CD4-HA225	Alexa Fluor™ 488-Labeled Human CD4 Protein, His Tag
	CD4-HF255	FITC-Labeled Human CD4 Protein, Fc Tag
	CD4-HF2H7	FITC-Labeled Human CD4 Protein, His Tag
	CD4-HP2E3	PE-Labeled Human CD4 Protein, His Tag (Site-specific conjugation)
	CD4-HP2H8	PE-Labeled Human CD4 Protein, His Tag <i>Star Staining</i>
CD5	CD5-HA2H6	Alexa Fluor™ 488-Labeled Human CD5 Protein, His Tag <i>Star Staining</i>
	CD5-HA2H7	Alexa Fluor™ 647-Labeled Human CD5 Protein, His Tag <i>Star Staining</i>
	CD5-HA253	Alexa Fluor™ 488-Labeled Human CD5 Protein, Fc Tag
	CD5-H52H2	FITC-Labeled Human CD5 Protein, His Tag
	CD5-HF255	FITC-Labeled Human CD5 Protein, Fc Tag (MALS verified)
	CD5-HP2H6	PE-Labeled Human CD5 Protein, His Tag (Site-specific conjugation)
CD7	CD7-HA2H9	Alexa Fluor™ 488-Labeled Human CD7 Protein, His Tag <i>Star Staining</i>
	CD7-HA2H8	Alexa Fluor™ 488-Labeled Human CD7 Protein, His Tag
	CD7-HA2H4	Alexa Fluor™ 647-Labeled Human CD7 Protein, His Tag <i>Star Staining</i>
	CD7-HF2H6	FITC-Labeled Human CD7 Protein, His Tag
	CD7-HF258	FITC-Labeled Human CD7 Protein, Fc Tag
	CD7-HP2E3	PE-Labeled Human CD7 Protein, His Tag (Site-specific conjugation)
	CD7-HP2H6	PE-Labeled Human CD7 Protein, His Tag <i>Star Staining</i>
	CD7-HA2H3	APC-Labeled Human CD7 Protein, His Tag (Site-specific conjugation)
	CD7-HA2H6	APC-Labeled Human CD7 Protein, His Tag <i>Star Staining</i>
CD8 alpha	CDA-HA2H4	Alexa Fluor™ 488-Labeled Human CD8 alpha Protein, His Tag <i>Star Staining</i>
	CDA-HA2H5	Alexa Fluor™ 647-Labeled Human CD8 alpha Protein, His Tag <i>Star Staining</i>
	CDA-HA2H6	Alexa Fluor™ 488-Labeled Human CD8 alpha Protein, His Tag
	CDA-MA2E3	Alexa Fluor™ 488 & Biotinylated-Labeled Mouse CD8 alpha Protein, His,Avitag™
	CDA-HA2H7	APC-Labeled Human CD8 alpha Protein, His Tag <i>Star Staining</i>
	CDA-HP2H3	PE-Labeled Human CD8 alpha Protein, His Tag <i>Star Staining</i>

● In Vivo CAR-NK

Molecule	Cat. No.	Product Description
NCAM-1	NC1-HF256	FITC-Labeled Human NCAM-1 / CD56 Protein, Fc Tag
	NC1-HF2H5	FITC-Labeled Human NCAM-1 / CD56 Protein, His Tag
Nkp46	NC1-HF2H3	FITC-Labeled Human NKp46 / NCR1 / CD335 Protein, His Tag

● In Vivo HSC

Molecule	Cat. No.	Product Description
CD133	CD3-HP2H8	PE-Labeled Human CD133 Protein, His Tag
CD34	CD4-HP2H9	PE-Labeled Human CD34 Protein, His Tag
CD46	CD6-HF223	FITC-Labeled Human CD46 Protein, His Tag
	CD6-HA224	APC-Labeled Human CD46 Protein, His Tag
	CD6-HP223	PE-Labeled Human CD46 Protein, His Tag
CD117	CD7-HA2H7	APC-Labeled Human CD117 Protein, His Tag
	CD7-HP2H9	PE-Labeled Human CD117 Protein, His Tag

Scan to learn more



Hematologic Tumor
CAR Target Proteins



Solid Tumor CAR Target
Proteins



80+ CAR Target
Proteins



MHC-Peptide Complexes &
Custom Services



In vivo CAR Solutions

AAV Antibody Detection Kits

Pre-existing AAV antibody studies are a critical part of AAV gene therapy development, spanning preclinical and clinical stages. Preclinical research uses immunogenicity data to select animal models and optimize vector design, while clinical studies screen suitable participants and monitor immune responses to assess safety, efficacy, and support regulatory approval. Discover our AAV Pre-Existing Antibody Detection Kit now!

Serotype	Cat. No.	Product Description
AAV2	PAV-A002	Anti-AAV2 Antibody ELISA Kit
AAV5	PAV-A005	Anti-AAV5 Antibody ELISA Kit
AAV8	PAV-A008	Anti-AAV8 Antibody ELISA Kit
AAV9	PAV-A009	Anti-AAV9 Antibody ELISA Kit



AAV Related Products

Cytokine Detection Kits

We offer a range of ELISA kits for cytokines, biomarkers, and other target analytes, fully validated to ensure precise, specific, accurate, and sensitive quantification.

Consistency of results from batch to batch

High-quality antibody pairs and protein standards, along with rigorous quality control, to guarantee consistent results across different batches.

Standards to calibrated with NIBSC/WHO standards

Calibrated with NIBSC/WHO standards for comparable results.

Fully validation in biological samples according to ICH M10 guideline

Fully validated in cell culture supernatant/serum/plasma samples for detection range, sensitivity, inter- and intra-plate CV, recovery, dilution linearity, specificity, and matrix effects to ensure reliable results.

Simplified and straightforward protocols and ready-to-use reagents to save assay time

ELISA kits use a one-step sandwich ELISA approach. Save up to 1 to 2 hours with our ELISA methodology without compromising sensitivity and dynamic range.

- Products List

Cat. No.	Description
CEA-C245	Human IFN-gamma Quick ELISA Kit
CEA-C246	Human TNF-alpha Quick ELISA Kit
CRS-B001	Human IL-6 ELISA Kit
CRS-B005	Human IL-10 ELISA Kit
CRS-B008	Human IL-2 ELISA Kit
CEA-C240	Human IFN-alpha-2 ELISA Kit
CEA-C068	Human VEGF ELISA Kit
CEA-B049	Human DLL3 ELISA Kit
CRS-B012	Human HGF ELISA Kit
CEA-B033	Human Granzyme B ELISA Kit

Cat. No.	Description
CEA-C080	Human EGF ELISA Kit
CEA-B034	Human Perforin ELISA Kit
CEA-C028	Human CXCL10/IP-10 ELISA Kit
CEA-C078	Human SCF ELISA Kit
CEA-C082	Human bFGF/FGF2 ELISA Kit
CEA-C070	Human Erythropoietin (EPO) ELISA Kit(Pre-Aliquotted Standard, Liquid)
CEA-C027	Human Erythropoietin (EPO) ELISA Kit, PRO
CEA-B045	Human Soluble BCMA ELISA Kit
CEA-B032	Human Soluble TROP-2 ELISA Kit, PRO
CEA-B247	Human Activin E Dimer ELISA Kit



Cytokine Detection Kits

GMP Cytokines & Growth Factors

Cytokines are key raw materials for cell culture, directly affecting expansion and consistency. ACROBiosystems' GMP-grade cytokines and growth factors, produced under strict GMP standards, support immune cell, iPSC, and MSC culture with stable and reliable performance.

GMP Grade

Reliable Supply

FDA DMF Filed

Regulatory-Compliant

Supports Large-Scale Production

Growth Factors for Immune Cell (T / NK / Treg / TIL) Culture

IL-1 beta	IL-2	IL-4	IL-7	IL-10	IL-12B & IL-12A
IL-15	IL-21	IFN-gamma	M-CSF	GM-CSF	TNF-alpha
4-1BB Ligand	...				

Growth Factors for Stem Cell (iPSC / MSC / HSPC) Culture & Differentiation

Activin A	BMP-4	DLL4	FGF basic	FGF-7	FGF-8b
Flt-3 Ligand	GDNF	HGF	IL-3	PDGF-BB	SCF
TGF-beta 1	Thrombopoietin	VCAM-1	VEGF165	...	

- Products List

Molecule	Cat. No.	Host	Product Description
4-1BB Ligand	GMP-41LH26	HEK293	GMP Human 4-1BB Ligand Protein, Fc Tag
GM-CSF	GMP-GMFH28	HEK293	GMP Human GM-CSF Protein
IFN-gamma	GMP-IFGH24	HEK293	GMP Human IFN-gamma Protein
IL-1 beta	GMP-ILBH16	<i>E. coli</i>	GMP Human IL-1 beta Protein
IL-10	GMP-L10H25	HEK293	GMP Human IL-10 Protein
IL-12B & IL-12A	GMP-L12H23	HEK293	GMP Human IL-12 Protein
IL-15	GMP-L15H13	<i>E. coli</i>	GMP Human IL-15 Protein
IL-18	GMP-L18H16	<i>E. coli</i>	GMP Human IL-18 Protein
IL-2	GMP-L02H14F002	<i>E. coli</i>	GMP Human IL-2 Protein (Liquid)
IL-21	GMP-L21H15	<i>E. coli</i>	GMP Human IL-21 Protein (<i>E. coli</i>)
IL-4	GMP-L04H26	HEK293	GMP Human IL-4 Protein
IL-7	GMP-L07H15	<i>E. coli</i>	GMP Human IL-7 Protein (<i>E. coli</i>)
M-CSF	GMP-MCFH24	HEK293	GMP Human M-CSF Protein
TNF-alpha	GMP-TNAH23	HEK293	GMP Human TNF-alpha Protein
Activin A	GMP-ACAH37	CHO	GMP Human Activin A / INHBA Protein
BMP-4	GMP-BM4H18	<i>E. coli</i>	GMP Human BMP-4 / BMP2B (improved sequence) Protein

Molecule	Cat. No.	Host	Product Description
DLL4	GMP-DL4H27	HEK293	GMP Human DLL4 Protein, Fc Tag (Flagship)
FGF basic	GMP-FGCH17	<i>E. coli</i>	GMP Human FGF basic Protein
FGF-7	GMP-FG7H35	HEK293	GMP Human FGF-7 / KGF Protein (CHO)
FGF-8b	GMP-FGBH16	<i>E. coli</i>	GMP Human FGF-8b Protein
Flt-3 Ligand	GMP-FLH28	HEK293	GMP Human Flt-3 Ligand Protein
GDNF	GMP-GDFH17	<i>E. coli</i>	GMP Human GDNF Protein (<i>E. coli</i>)
HGF	GMP-HGFH28	HEK293	GMP Human HGF Protein
IL-3	GMP-L03H18	<i>E. coli</i>	GMP Human IL-3 Protein
IL-6	GMP-L06H27	HEK293	GMP Human IL-6 Protein
PDGF-BB	GMP-PDBH19	<i>E. coli</i>	GMP Human PDGF-BB Protein
SCF	GMP-SCFH13	<i>E. coli</i>	GMP Human SCF Protein (<i>E. coli</i>)
TGF-beta 1	GMP-TG1H25	HEK293	GMP Human TGF-Beta 1 / TGFB1 Protein
Thrombopoietin	GMP-THNH25	HEK293	GMP Human Thrombopoietin Protein
VCAM-1	GMP-VC1H25	HEK293	GMP Human VCAM-1 Protein, Fc Tag
VEGF165	GMP-VE5H23	HEK293	GMP Human VEGF165 Protein

Scan to learn more



View More GMP Cytokines



Try GMP Sample Products Now

Extracellular Matrix (ECM) Proteins

We offer a range of validated, high-activity extracellular matrix (ECM) proteins, including Laminin, Vitronectin, and Fibronectin, specifically designed to support diverse stem cell culture needs. These proteins are tested to ensure top performance and reliability for various research and therapeutic applications. In addition, our Laminin products adhere to leading international viral safety standards, implementing five core strategies to provide comprehensive protection.

- **Rigorous Cell Bank Testing**

Comprehensive testing (28 items) of the adapted and banked production host cell line, performed by internationally renowned third-party testing agencies in compliance with US and Chinese Pharmacopoeia standards and ICH Q5

- **Animal-Origin-Free (AOF) Production Process**

Upstream culture uses chemically defined medium (CDM), with all raw materials being serum-free (SF) and animal-origin-free (AOF), thoroughly eliminating the risk of animal-derived viral contamination

- **Dual Virus Reduction Measures**

Incorporation of viral clearance/inactivation steps such as low-pH treatment and nanofiltration in the downstream purification process

- **Comprehensive Viral Clearance Validation**

Validation of key viral removal steps through dedicated viral clearance studies

- **Stringent Final Product Quality Control and Release**

Products undergo testing for adventitious agents, multiple process-related impurities, and a total of 13–16 QC release tests

- Products List

Matrix Proteins	Cat. No.	Product Description	Application
Laminin 521	GMP-LA5H24GA02	GMP Human Laminin 521 Protein (Liquid)	Human PSC expansion in the clinical stage
	GMP-LA5H24	GMP Human Laminin 521 Protein	
	LA5-H5213L	Human Laminin 521 Protein, premium grade (Liquid)	Human PSC expansion in the pre-clinical stage
	LA5-H5261	Human Laminin 521 Protein, premium grade	
	LA5-H5248	Human Laminin 521 Protein, premium grade (Flagship)	
Laminin 511	GMP-LA1H36	GMP Human Laminin 511 Protein (Mix & Scale)	Human PSC expansion in the clinical stage
	GMP-LA1H25	GMP Human Laminin 511 Protein	
	LA1-H5314	Human Laminin 511 Protein, premium grade (Mix & Scale)	Human PSC expansion in the pre-clinical stage
	LA8-H5283L	Human Laminin 511 Protein, premium grade	
Vitronectin	GMP-VINH19	GMP Human Truncated Vitronectin / VTN-N Protein	Human PSC expansion in the clinical stage
	VIN-H5117	Human Truncated Vitronectin / VTN-N Protein, premium grade	Human PSC expansion in the pre-clinical stage
Fibronectin	GMP-FINH18	GMP Recombinant Human Fibronectin fragment	Mesenchymal stem cell attachment and proliferation
	FIN-H5116	Recombinant Fibronectin fragment, premium grade	
Laminin 111	LA1-H5269	Human Laminin 111 Protein, premium grade	Hepatic and neural differentiation
Laminin 121	LA1-H5261	Human Laminin 121 Protein, premium grade	Especially hepatic and neural cells among many other cell types
Laminin 211	LA8-H5263	Human Laminin 211 Protein, premium grade	Skeletal muscle, neural and cardiac cells differentiation
Laminin 221	LA2-H5269	Human Laminin 221 Protein, premium grade	Cardiac cells differentiation
Laminin 411	LAT-H5263	Human Laminin 411 Protein, premium grade	Endothelial and pancreatic cells differentiation

- Performance

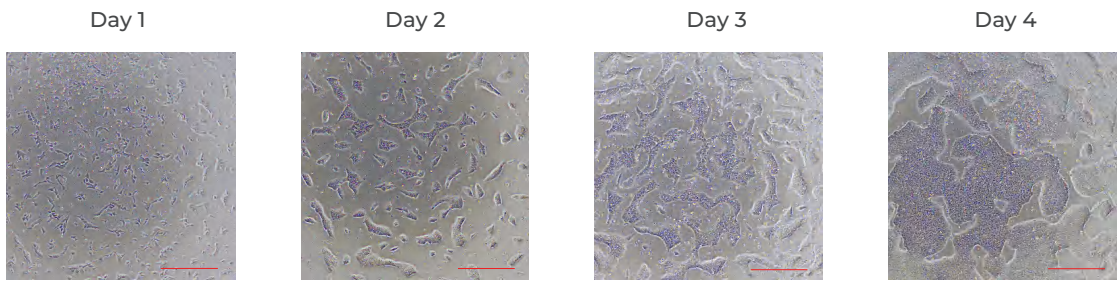


Figure 1. Laminin 521 (GMP-LA5H24) effectively maintains the expansion of human iPSCs.

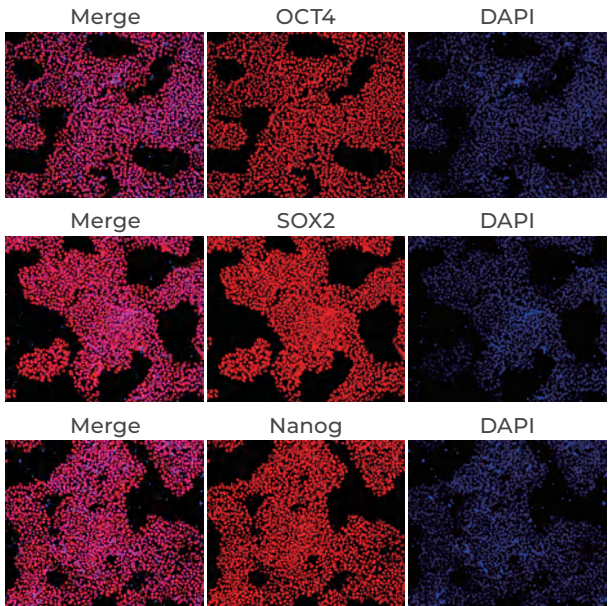


Figure 2. Laminin 521 (GMP-LA5H24) could maintain the stemness of iPSC after several passages.

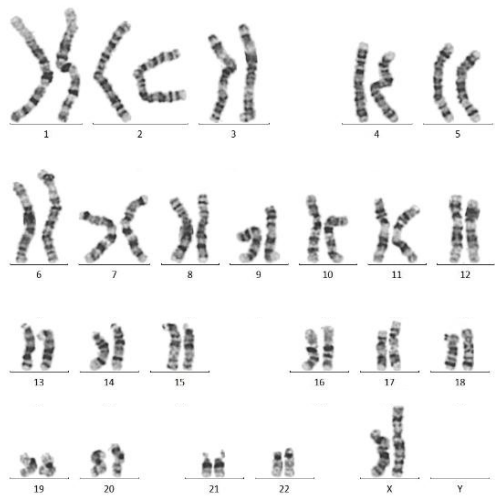


Figure 3. Normal karyotype (46, XX) was found in hiPSCs with Laminin 521 (GMP-LA5H24) coating after 10 passages.

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ECM Proteins



Laminin



Vitronectin



Fibronectin

Cell Culture Medium

ACROBiosystems' CelThera™ media platform offers culture media for T, NK, MSC, and other cells, including standard, specialized, and integrated solutions. Animal-free and highly consistent, CelThera™ media support robust cell growth and function, enabling large-scale, high-quality cell culture and accelerating cell therapy development.

- Core Advantages

- **Chemically Defined**

All ingredients are chemically synthesized or recombinantly produced for 100% traceability. CelThera™ media use fully defined amino acids, vitamins, and salts, with no animal-derived components.

- **GMP Manufacturing**

Manufactured in B+A grade environments under ISO9001/ ISO13485 quality systems. Each batch undergoes key tests, including endotoxin (basal media <0.05 EU/mL, supplements <10 EU/mL), sterility, and cell proliferation.

- **Drug Master Files(DMFs) Submitted**

All GMP-grade products are FDA DMF filed, ready for direct use in IND/NDA submissions, supporting accelerated global regulatory approval.

- CelThera™ Products List

Cat. No.	Product Description
GMP-CM3102	CelThera™ GMP T Cell Expansion Medium (Phenol Red-free)
GMP-CM3102GB01	CelThera™ GMP T Cell Expansion Medium (Phenol Red-free)
GMP-CM3103	CelThera™ GMP T Cell Expansion Medium
GMP-GDTCM32	CelThera™ GMP GDT Cell Expansion Kit (Phenol Red-free)
GMP-GDTCM33	CelThera™ GMP GDT Cell Expansion Kit
GMP-MSCCM41	CelThera™ GMP MSC Expansion Kit (Phenol Red-free)
GMP-NKCM31	CelThera™ GMP NK Cell Expansion Kit (Phenol Red-free)
GMP-NKCM32	CelThera™ GMP NK Cell Activation and Expansion Kit (Phenol Red-free)
GMP-NKCM33	CelThera™ GMP NK Cell Expansion Basic Kit (Phenol Red-free)
GMP-NKCM34	CelThera™ GMP NK Cell Activation and Expansion Kit (Phenol Red-free)
GMP-NKCM35	CelThera™ GMP NK Cell Activation and Expansion Kit (Phenol Red-free)
GMP-NKCM36	CelThera™ GMP NK Cell Activation and Expansion Kit (Phenol Red-free)
GMP-NKCM37	CelThera™ GMP NK Cell Activation and Expansion Kit (Phenol Red-free)
GMP-PI1100	CelThera™ GMP Phenol Red Solution (0.5%)
GMP-TILCM31	CelThera™ GMP TIL Cell Expansion Kit (Phenol Red-free)

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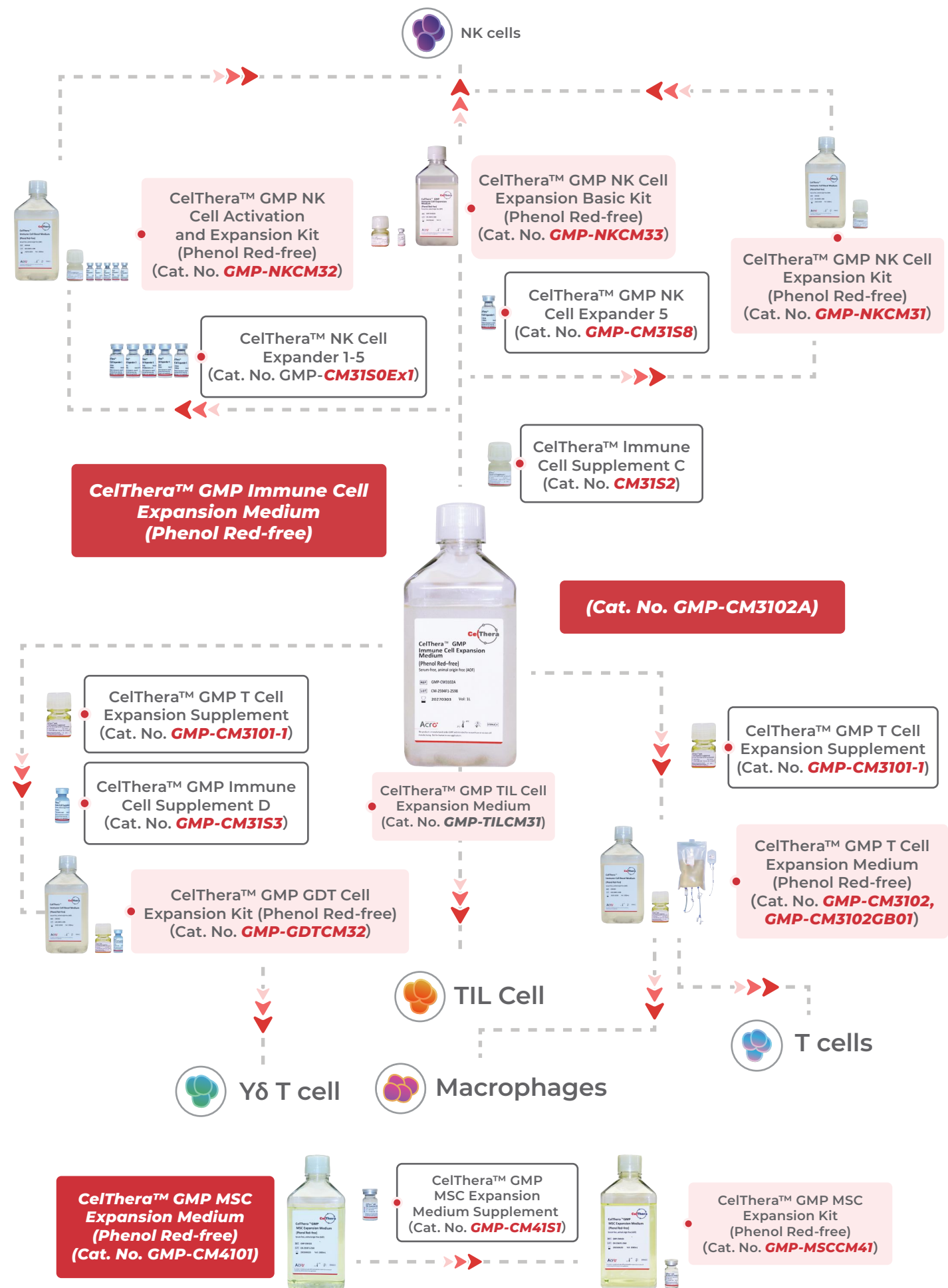


CelThera™ Media



CelThera™ Bagged Media

- Immune and Stem Cell Culture Media



Disposable Consumables & Accessories

Combining aseptic transfer technology with closed-system bagged media provides a foundation for modern biopharmaceutical processes, reducing contamination risk and supporting large-scale cell therapy production.

We offer disposable aseptic transfer kits with weldable tubing for safe, sterile connection to bottles, flasks, and vials, enabling efficient media and cytokine preparation and transfer while maintaining process control.



Transfer Cap for Square Media Bottle (GL38)

Cat. No. PCA-25021401

Compatible with CelThera™ GMP T Cell Expansion Medium (Cat. No. GMP-CM3102 & GMP-CM3103) and other 38–430 mm square bottles for safe, sterile transfer into cell culture bags



Transfer Cap for Media Bottle (GL45)

Cat. No. PCA-25021402

Compatible with 45 mm angled bottles (e.g., Thermo Fisher) for safe, sterile transfer into cell culture bags



Cytokine Vial Adapter (13mm&20mm)

Cat. No. CVA-25060601

Cat. No. DCC-04

Designed for Grade C environments to transfer lyophilized powders or liquid reagents from 13 mm/20 mm vials (e.g., 2R, 4R, 6R, 10R) into media bags or culture systems

Single Vial Adapter (20 mm)

Cat. No. DCC-07

Compatible with 20 mm vials (e.g., 10R, 15R) for sterile transfer of liquid reagents into automated culture systems such as Prodigy

Double Vial Adapter (20 mm)

Cat. No. DCC-08

Enables sterile transfer of two liquid reagents simultaneously from 20 mm vials (e.g., 10R, 15R) into automated culture systems such as Prodigy



Aseptic Transfer Solutions

Beads / Antibodies

Cell Activation Beads / Antibodies

Using ACROBiosystems' next-generation magnetic bead platform, the ActiveMax® series includes target-specific and CD3/CD28-conjugated activation beads. Animal-free, sterile, mycoplasma-free, and low-endotoxin, these products support immuno-cell therapy research, preclinical process development, and GMP-grade custom production.

Supported by a robust GMP system, GMP-grade anti-CD3, anti-CD28, and Anti-Human 4-1BB antibodies efficiently activate T cells with high safety and stability, enabling cell therapy development and translation.

Category	Molecular	Cat. No.	Product Description
Beads	CD3 & CD28	GMP-MBS001	GMP ActiveMax® Human T cell Activation/Expansion CD3/CD28 Beads
		MBS-C001	ActiveMax® Human T cell Activation/Expansion CD3/CD28 Beads, premium grade
	CD19	MBS-C002	ActiveMax® Human CD19 µBeads, premium grade (for cells)
		MBS-C035	ActiveMax® Human CD19 µBeads, premium grade (for cells, Super stable)
		MBS-C034	ActiveMax® Human CD19 µBeads (non magnetic), premium grade (for cells)
	BCMA	MBS-C004	ActiveMax® Human BCMA µBeads, premium grade (for cells)
	FMC63	MBS-C008	ActiveMax® Anti-FMC63 Antibody µBeads, premium grade (for cells)
	Siglec-2	MBS-C007	ActiveMax® Human CD22 µBeads, premium grade (for cells)
	Her2	MBS-C006	ActiveMax® Human Her2 µBeads, premium grade (for cells)
	CD7	MBS-C005	ActiveMax® Human CD7 µBeads, premium grade (for cells)
	Mesothelin	MBS-C003	ActiveMax® Human MSLN µBeads, premium grade (for cells)
	CD229	MBS-C010	ActiveMax® Human CD229 µBeads, premium grade (for cells)
	CEACAM-5	MBS-C014	ActiveMax® Human CEACAM-5 / CD66e µBeads, premium grade (for cells)
Antibodies	CD3	GMP-MC0323	GMP Monoclonal Anti-Human CD3 Antibody (OKT3)
	CD28	GMP-MC2824	GMP Monoclonal Anti-Human CD28 Antibody
	4-1BB	GMP-M41B35	GMP Monoclonal Anti-Human 4-1BB Antibody

Cell Separation Beads/ Antibodies

To support cell separation research, we offer the Celectra™ nanomagnetic bead series, providing high performance, traceable raw materials, extended shelf life, and biodegradable design for safe and efficient cell sorting. GMP-grade G4S linker-specific antibodies are also available for precise CAR-T cell selection, enhancing accuracy and reliability in manufacturing.

Category	Molecular	Cat. No.	Product Description
Beads	CD14	MBS-S001	Celectra™ Human CD14 NanoSort Microbeads, Research grade
	CD4	MBS-S004	Celectra™ Human CD4 NanoSort Microbeads, Research grade
	CD8	MBS-S005	Celectra™ Human CD8 NanoSort Microbeads, Research grade
Antibodies	G4S linker	GMP-MG4S25	GMP Biotinylated Monoclonal Anti-G4S linker Antibody, Rabbit IgG (016), CF (carrier free)

Streptavidin Beads

Featured Product–GMP-Grade Streptavidin Beads support efficient conjugation with biotin-labeled proteins or antibodies, enabling rapid, customized preparation of activation or separation beads.

Category	Molecular	Cat. No.	Product Description
Beads	Streptavidin	GMP-MBS009	GMP ActiveMax® Streptavidin μBeads
		MBS-C009	ActiveMax® Streptavidin μBeads, premium grade (for cells)
		MBS-S003	Cellectra™ Streptavidin NanoSort Microbeads, Research grade

Scan to learn more



ActiveMax®
Activation Beads



Cellectra™ Cell
Separation Beads



GMP-Grade
Streptavidin (SA) Beads

CRISPR-Cas Gene Editing Enzyme

Gene editing is widely used in gene and CAR cell therapies to modify gene expression or correct defects. We provide high-quality CRISPR-Cas9 and other gene editing enzymes to support CGT drug development.

High Activity: Cleavage efficiency >90%
(*in vitro/in vivo*)

High Concentration: Cas9 at 10 mg/mL for
condition optimization

High Purity: >95% (SDS-PAGE & SEC-HPLC)

Sterile & Low Endotoxin: <0.01 EU/μg,
controlled host protein/DNA

- Products List

Molecular	Cat. No.	Product Description
Cas9	GMP-CA9S18	GMP GENPower™ NLS-Cas9 Nuclease
	CA9-S5149	GENPower™ NLS-Cas9 Nuclease, premium grade
Cas12a	CAA-L5149	GENPower™ LbCas12a Nuclease (2.5 μg/μL), low endotoxin (MALS verified)
	CAA-L5140	GENPower™ LbCas12a Nuclease (10 μg/μL), low endotoxin (MALS verified)
	CAA-A5143	GENPower™ AsCas12a Nuclease (active enzyme, MALS verified)

GENIUS™ Nuclease

Using our enzyme engineering platform with AI modeling and high-throughput screening, we developed GMP-grade nucleases: GMP Salt Active GENIUS™ Nuclease (Cat. No. GMP-NUES13) and GMP GENIUS™ Nuclease (Cat. No. GMP-NUES19), ideal for removing nucleic acid contaminants and ensuring reliable quality control.

- **High Activity:** Removes nucleic acid residues (>1.00 × 10⁶ U/mg)
- **High Safety:** Sterile, endotoxin-, HCP-, mycoplasma-, and virus-tested
- **High Stability:** Validated under accelerated, freeze-thaw, and real-time conditions
- **Regulatory Ready:** FDA DMF filed, supports preclinical to clinical use
- **Reliable Supply:** Developed on ACROBiosystems' proprietary protein platform
- **Seamless Transition:** Premium and GMP grades for preclinical to clinical stages

- Products List

Cat. No.	Product Description
BEE-N3116	GENIUS™ Nuclease
GMP-NUES13	GMP Salt Active GENIUS™ Nuclease
GMP-NUES19	GMP GENIUS™ Nuclease
NUE-S5117	Salt Active GENIUS™ Nuclease, premium grade
NUE-S5119	GENIUS™ Nuclease, premium grade

Scan to learn more



Gene Editing Enzyme



GENIUS™ Nuclease

Custom GMP-grade Protein Services

Finding the right raw materials in the development of innovative therapies is often a significant challenge. ACROBiosystems offers robust support with its experienced GMP-grade product customized team and state-of-the-art GMP grade manufacturing facility. Each project is assigned a dedicated project manager to ensure seamless execution, efficient progress, and on-time delivery.

- **Regulatory Compliance:**

Our quality system is aligned with GMP regulations across multiple regions, including the FDA and EMA, supporting global clinical and commercial application requirements

- **Audit-Ready Operations:**

Our Audit-Ready (ADR) intelligent manufacturing model supports both remote and on-site audits by global clients, ensuring transparency, traceability, and rapid response

- **High Customizability and Flexible Scalability:**

We offer on-demand customization of formulations, specifications, and delivery formats—catering to the entire product lifecycle from early-stage small-batch R&D to large-scale commercial manufacturing

- **Comprehensive Application Development Support:**

Leveraging our expert technical teams and broad product portfolio, we provide end-to-end collaboration from process development to application validation, accelerating the transition from concept to clinic and beyond



Can't find the GMP Product you need?

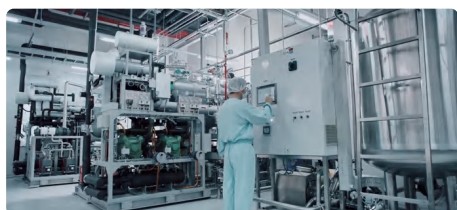
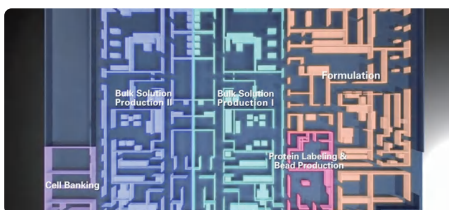
Request Custom Services

GMP Manufacturing Facility

Addressing key challenges in the cell and gene therapy industry—such as quality fluctuations, supply chain risks, and regulatory uncertainties—Resilient Supply offers flexible, low-risk, high-quality GMP solutions to accelerate the development and commercialization of CGT biologics.

**Resilient
supply**

ADR
AUDIT-READY



ACROBiosystems' GMP manufacturing facility is a fully operational, purpose-built production platform designed to support the global cell and gene therapy industry. Built with flexibility and resilience in mind, the facility features smart, modular design and a robust quality management system aligned with international GMP regulations and guidelines from the US, Europe, and Asia. It supports the manufacture of a broad range of GMP-grade reagents — including proteins, enzymes, antibodies, and cell activation products — to meet diverse supply needs and evolving cell therapy technologies. As an Audit-Ready (ADR) facility, it is prepared for online or on-site audits by customers worldwide at any time.



GMP Manufacturing Facility



Core Advantages of Resilient Supply

Join us for an exclusive 1-2 hour virtual tour of ACROBiosystems' state-of-the-art GMP facility! Explore our advanced manufacturing, learn about our GMP capabilities, and engage in a live Q&A with our experts. Gain insights into cutting-edge CGT ancillary material manufacturing processes and explore potential collaborations.



Schedule a Tour

Solutions

Our integrated solutions are crafted to deliver exceptional, end-to-end support, empowering the accelerated commercialization of CGT therapies.

CMC Production Process of Adoptive T Cell Therapies

T lymphocytes play a crucial role in the human immune system, and transferable T cell therapy utilizes the inherent functions of specific T cells to combat diseases. Common T cell-based therapies include CAR-T therapy, TIL therapy, etc., which as revolutionary techniques, have generated persistent and effective clinical responses in patients. Currently, scaling-up the CMC process for engineering T cells is one of the major challenges in this field, involving various complex procedures such as *ex vivo* activation, expansion, and engineering modification of T cells.

Our focus is on supporting research related to immune cell therapy. With a robust cell culture platform, antibody development platform, flow cytometry validation platform, and GMP quality management system, we offer a series of reagents for the CMC production process of T cells to help our customers accelerate their production processes.



CMC Production Process of Adoptive NK Cell Therapies

CAR-NK cell therapy, as a novel treatment approach, offers several advantages over CAR-T therapy: 1) Faster efficacy: without the need for antigen presentation, 2) Higher safety profile: reduced risk of graft-versus-host disease (GVHD) and cytokine release syndrome (CRS), and 3) Effectiveness against both hematologic malignancies and solid tumors. However, CAR-NK faces a key challenge: obtaining enough NK cells for cell manufacturing.

To support research and CMC manufacturing processes related to cell therapies, we have developed a series of CMC production process related products for CAR-NK, helping customers accelerate the production process and fully supporting the development process based on adoptive NK Cell Therapies.



CMC Production Process of iPSC-based Cell Therapy

The use of induced pluripotent stem cells (iPSCs) in research has completely changed regenerative medicine and accelerated the research process of human diseases. The unique self-renewal characteristics and gene engineering editing ability of iPSCs can generate an almost infinite number of mature differentiated cell types, including immune cells (T cells, NK cells, macrophages, etc.), neurons, pancreatic islet cells, etc.

ACROBiosystems focuses on supporting research and CMC manufacturing process related to cell therapy. With a comprehensive cell culture platform, antibody development platform, flow cytometry validation platform, and GMP quality management system, We have developed a series of CMC production process related products for iPSCs, helping customers accelerate the production process and fully supporting the development process based on iPSC therapy.



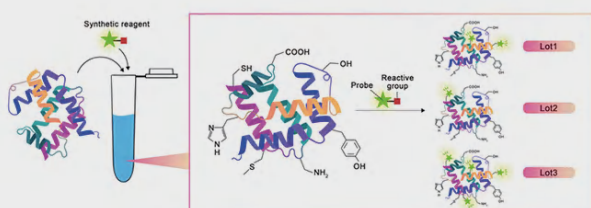
CMC – Quality Control

Fluorescent-labeled CAR Target Proteins

Flow cytometry is essential for detecting CAR-positive T cells in cell therapy development. Fluorescently labeled proteins enable single-step staining, reducing assay time and minimizing non-specific background, making them ideal for CAR expression analysis.

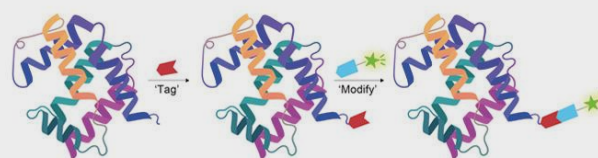
ACROBiosystems' proprietary Star Staining site-specific labeling platform preserves native protein structure and activity while ensuring excellent uniformity and lot-to-lot consistency. These reagents are designed for CAR-T quality control and preclinical and clinical sample testing.

Traditional Chemical Labeling



- Non-selective random labeling and affect natural structure
- May cover the active sites to reduce bioactivity
- Easy to aggregate due to change the hydrophilicity of proteins
- High variation in batch-to-batch consistency

New-generation Site-specific Labeling



- The labeling happens at the specific tag and far away from active sites of proteins
- Maintain natural conformation and modification
- Efficiently bio-orthogonal technology
- High batch-to-batch consistency and uniformity

- Hot Products

● Alexa Fluor 647

BCMA	CD19	Mesothelin	Glypican 3	CD147	CD300e
HER2	Siglec-2	Siglec-3	PD-1	OX40	MUC-1
TSLP R					

● Alexa Fluor 555

BCMA	CD19	Mesothelin	Glypican 3	NKG2D	FAP
Nectin-4	CD37	protein L			

● Alexa Fluor 488

BCMA	CD19	Mesothelin	Glypican 3	CD147	CD300e
HER2	Siglec-2	Siglec-3	PD-1	OX40	MUC-1
TSLP R					

FITC

Glypican 3	HER2	CD7	Siglec-3	CD30	EGF R
EGFRVIII	GUCY2C	NKG2D	FAP	Nectin-4	CD37
protein L					

PE

Glypican 3	NKG2D	FAP	Nectin-4	CD37	protein L
CD147	CD300e	HER2	Siglec-2	Siglec-3	PD-1
OX40	MUC-1	TSLP R			

APC

Glypican 3	CD147	CD300e	HER2	Siglec-2	Siglec-3
PD-1	OX40	MUC-1	TSLP R		

Anti-CAR Linker Antibodies

We have developed a comprehensive panel of anti-CAR linker antibodies, including G4S Linker and Whitlow/218 Linker targets, available in multiple fluorescent formats such as PE, APC, and Alexa Fluor™. These reagents provide advanced solutions for CAR molecular characterization and functional analysis.

- Key Features

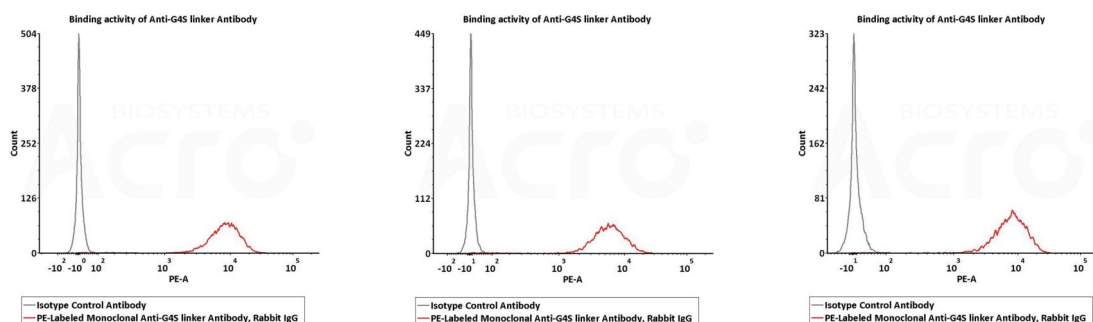
- High Affinity:** Rabbit monoclonal antibody using proprietary single B cell antibody platform
- Exceptional Specificity:** No non-specific binding to PBMCs
- Universal Species and Isotype Compatibility:** Compatible with scFvs derived from any antibody isotype or species
- Versatile Applications:** Effective in both *in vivo* and *in vitro* settings, regardless of antigen masking or serum

- Products List

Molecular	Cat. No.	Product Description
G4S linker	G4S-PFMY25	PE-Labeled Monoclonal Anti-G4S linker Antibody, Rabbit IgG (016) (0.03% Proclin)
	G4S-AFMY25	APC-Labeled Monoclonal Anti-G4S linker Antibody, Rabbit IgG (016) (0.03% Proclin)
	G4S-FAFYP1	FITC-Labeled Monoclonal Anti-G4S linker Antibody, Rabbit IgG (016) (0.03% Proclin)
	G4S-AEFYP1	Alexa Fluor™ 555-Labeled Monoclonal Anti-G4S linker Antibody, Rabbit IgG (016) (0.03% Proclin)
	G4S-ABFYP1	Alexa Fluor™ 647-Labeled Monoclonal Anti-G4S linker Antibody, Rabbit IgG (016) (0.03% Proclin)
	G4S-HLY25G1	HRP conjugated Monoclonal Anti-G4S linker Antibody, Rabbit IgG (016)
	G4S-AFYYP1	Alexa Fluor™ 488-Labeled Monoclonal Anti-G4S linker Antibody, Rabbit IgG (016) (0.03% Proclin)
Whitlow 218 linker	218-PCFMY3	PE-Labeled Monoclonal Anti-Whitlow 218 linker Antibody, Rabbit IgG (P3C09) (0.03% Proclin)
	218-AHFMY3	APC-Labeled Monoclonal Anti-Whitlow 218 linker Antibody, Rabbit IgG (P3C09) (0.03% Proclin)
	218-AFFMY3	Alexa Fluor™ 488-Labeled Monoclonal Anti-Whitlow 218 linker Antibody, Rabbit IgG (P3C09) (0.03% Proclin)
	218-ABFMY3	Alexa Fluor™ 647-Labeled Monoclonal Anti-Human 218 linker Antibody, Rabbit IgG (P3C09) (0.03% Proclin)

- Validation Data

Validated by flow cytometry, the PE-labeled Rabbit Anti-G4S Linker Antibody demonstrates high specificity in binding to CAR-like cells, including Anti-CD19 (G4S)4, Anti-MSLN (G4S)3, and Anti-CD22 (G4S)3.



Flow cytometric analysis of Anti-CD19 CAR-293/Anti-MSLN CAR-293//Anti-CD2 CAR-293 cells staining with PE-Labeled Monoclonal Anti-G4S linker Antibody, Rabbit IgG (016) (Cat. No. G4S-PFMY25) at 1:50 dilution (2 μ L of the antibody stock solution corresponds to labeling of 1e6 cells in a final volume of 100 μ L), compared with isotype control antibody. PE signal was used to evaluate the binding activity.



Scan to learn more about
Anti-CAR Linker Antibody

Antibody Density Detection Tools for Carriers (*In Vivo* CAR)

Refer to P02 for details

As biopharmaceuticals expand in type and application, quality control is key to ensuring safety and efficacy. ACROBiosystems provides end-to-end solutions covering safety indicators and process residues, helping companies improve testing efficiency, maintain compliance, and accelerate product development.

SAFENSURE™ Safety Testing Kits

Endotoxin Detection Platform

- Fully validated Recombinant Factor C method (EP <11.0><2.6.32> and USP<1225><86>)
- High concordance with traditional LAL methods, third-party validation available
- Superior specificity: Effectively eliminates β -glucan interference
- High accuracy: Endotoxin standards traceable to USP Standard (Cat. No: 1235503)
- Rapid results: Assay completion within 2 hours
- Industry-leading sensitivity: Detects endotoxin from 0.005 - 5 EU/mL
- Excellent buffer compatibility for diverse assay systems
- Good inter batch consistency: Guaranteed by genetic recombination technology

Mycoplasma Detection Platform

- Broad Coverage: Covers over 250 Mollicutes species, including all listed in EP, USP, JP
- High Specificity: Target mycoplasma 16S rRNA with no cross-reactivity to other genera
- High Sensitivity: Meets or exceeds regulatory standards of 10 CFU/mL
- Strong Compatibility: Suitable for complex matrices like high cell density samples and 10% DMSO
- Easy to use: Single-well assay format with built-in UNG and controls. results in 3 hours
- Reliable performance: Results align with culture-based methods; third-party validated by Eurofins

Sterility Rapid Detection Platform

- Broad Coverage: Detects diverse microbial species, including specified in EP, USP.
- Dual Detection: Identifies bacteria and fungi in one test, simplifying sterility testing workflows.
- Strong Specificity: Multiple primers and probes ensure no cross-reactivity with related strains.
- High Sensitivity: Detects as low as 100 CFU/mL, fully compliant with or exceeding regulatory standards.
- Convenient Operation: Single-well format with all essential components included for efficient testing.
- Comparable Results: Delivers results equivalent to traditional culture-based methods.
- High Quality: Manufactured in a GMP-like facility under ISO 13485 standards for reliable performance.

- Products List

Type	Cat. No.	Product Description
Endotoxin Detection	RES-A056	SAFENSURE™ Recombinant Factor C Endotoxin Detection Kit
	RES-A127	Endotoxin-Free Glass Test Tubes
	RES-A129	LER Sample Dilution Buffer
Mycoplasma Detection	OPA-E101	SAFENSURE™ Mycoplasma DNA Sample Preparation Kit (Magnetic beads)
	OPA-S102	SAFENSURE™ Mycoplasma Rapid Detection Kit (qPCR)
Sterility Detection	OPA-E102	SAFENSURE™ Sterility Sample Preparation Kit (Magnetic beads)
	OPA-S103	SAFENSURE™ Sterility Rapid Detection Kit (qPCR)
Ancillary Tools for Mycoplasma & Sterility Testing	OPE-325	Automated Nucleic Acid Extraction System
	OPA-R026	Nuclease-Free Water
	OPA-R013	96 V-Bottom Deep-well Plate
	OPA-R014	8-Strip V-Bottom Tip Comb

resDetect™ Residual Detection Kits

Nucleic Acid Residuals	Enzyme Residuals	Cell Culture Materials Residuals	Other Residuals
- Host cell nucleic acid residual detection - Viral oncogenes residual detection - Plasmid DNA residual detection	- Cas9 residual detection - GENIUS™ Nuclease residual detection - Salt Active GENIUS™ Nuclease residual detection - Pyrophosphatase residual detection - T7 RNA Polymerase residual detection - DNase / RNase residual detection	- Cytokine / Antibody residual detection - BSA residual detection - Antibiotic residual detection	- Affinity Ligands residual detection - dsRNA residual detection - HIV-1 P24 residual detection

- Products List

Type	Cat. No.	Molecule / Antigen	Product Description
Nucleic Acid Residual Detection	OPA-O002	<i>E. coli</i> DNA	resDetect™ <i>E. coli</i> resDNA Quantitative Kit (qPCR)
	OPA-R004	CHO DNA	resDetect™ CHO resDNA Quantitation Kit (qPCR)
	OPA-R006	HEK293 DNA	resDetect™ HEK293 resDNA Quantitation Kit (qPCR)
	OPA-R007	E1A&SV40LTA DNA	resDetect™ E1A&SV40LTA resDNA Quantitation Kit (qPCR)
	OPA-R008	E1A DNA	resDetect™ E1A resDNA Quantitation Kit (qPCR)
	OPA-R009	Plasmid DNA	resDetect™ Plasmid resDNA Quantitation Kit (qPCR)
	OPA-R010	HEK293T DNA	resDetect™ HEK293T resDNA Quantitation Kit (qPCR)
	OPA-R017	Pichia pastoris DNA	resDetect™ Pichia pastoris resDNA Quantitation Kit (qPCR)
	OPA-R018	Vero DNA	resDetect™ Vero resDNA Quantitation Kit (qPCR)
	OPA-R005	DNA	resDetect™ resDNA Sample Preparation Kit (Magnetic Beads)
	OPA-R024	DNA	resDetect™ resDNA Sample Preparation Kit II (Magnetic Beads)
Enzyme Residual Detection	ASE-A001	RNase A	resDetect™ RNase Activity Assay Kit (Fluorescence)
	ASE-A002	DNase I	resDetect™ DNase Activity Assay Kit (Fluorescence)
	RES-A018	T7 RNA polymerase	resDetect™ T7 RNA Polymerase ELISA Kit (Residue Testing)
	RES-A005	Pyrophosphatase	resDetect™ Pyrophosphatase ELISA Kit
	RES-A054	Nuclease	resDetect™ Salt Active GENIUS™ Nuclease ELISA Kit (Residue Testing)

Type	Cat. No.	Molecule / Antigen	Product Description
Enzyme Residual Detection	CRS-A031	Nuclease	resDetect™ GENIUS™ Nuclease ELISA Kit (Residue Testing)
	CAS-C001	Cas9	resDetect™ Cas9 (CRISPR Associated Protein 9) ELISA Kit (Residue Testing)
Cell Culture Materials Residual Detection	CRS-A012	IL-1 beta	resDetect™ Human Interleukin-1 beta (IL-1 beta) ELISA Kit (Residue Testing)
	CRS-A003	IL-2	resDetect™ Human Interleukin-2 (IL-2) ELISA Kit (Residue Testing)
	RES-A010	IL-3	resDetect™ Human Interleukin-3 (IL-3) ELISA Kit (Residue Testing)
	CRS-A004	IL-4	resDetect™ Human Interleukin-4 (IL-4) ELISA Kit (Residue Testing)
	CRS-A005	IL-6	resDetect™ Human Interleukin-6 (IL-6) ELISA Kit (Residue Testing)
	RES-A055	IL-7	resDetect™ Human Interleukin-7 (IL-7) ELISA Kit (Residue Testing)
	CRS-A008	IL-10	resDetect™ Human Interleukin-10 (IL-10) ELISA Kit (Residue Testing)
	CRS-A024	IL-15	resDetect™ Human Interleukin-15 (IL-15) ELISA Kit (Residue Testing)
	CRS-A010	IL-21	resDetect™ Human Interleukin-21 (IL-21) ELISA Kit (Residue Testing)
	RES-A095	CD3	resDetect™ Anti-CD3 Antibody Indirect ELISA Kit (Residue Testing)
	CRS-A014	CD28	resDetect™ Anti-CD28 Antibody ELISA Kit
	RES-A027	TNF-alpha	resDetect™ Human Tumor Necrosis Factor Alpha (TNF-α) ELISA Kit (Residue Testing)
	RES-A028	IFN-gamma	resDetect™ Human Interferon-γ (IFN-γ) ELISA Kit (Residue Testing)
	RES-A009	FGF2	resDetect™ Human FGF2 ELISA Kit (Residue Testing)
	RES-A007	FLT3L	resDetect™ Human FLT3L ELISA Kit (Residue Testing)
	RES-A036	4-1BB Ligand	resDetect™ Human 4-1BB Ligand ELISA Kit (Residue Testing)
	RES-A031	CD5	resDetect™ Human CD5 ELISA Kit (Residue Testing)
	RES-A052	DLL4	resDetect™ Human DLL4 ELISA Kit (Residue Testing)
	RES-A022	DLL4	resDetect™ Biotinylated Human DLL4 ELISA Kit (Residue Testing)
	RES-A034	TPO	resDetect™ Human TPO ELISA Kit (Residue Testing)
	RES-A006	SCF	resDetect™ Human SCF ELISA Kit (Residue Testing)
	RES-A091	Laminin	Human Laminin Quantitative ELISA Kit
	RES-A096	Laminin511	resDetect™ Human Laminin 511 ELISA Kit (Residue Testing)
	RES-A040	Laminin 521	resDetect™ Human Laminin 521 ELISA Kit (Residue Testing)
	RES-A004	Kanamycin	resDetect™ Kanamycin ELISA Kit
	RES-A078	Kanamycin	resDetect™ Kanamycin ELISA Kit
	RES-A025	Gentamicin	resDetect™ Gentamicin ELISA Kit
	RES-A079	Gentamicin	resDetect™ Gentamicin ELISA Kit (high sensitivity)
	RES-A098	BSA	resDetect™ BSA ELISA Kit (USP Calibrated)
	RES-A002	Trypsin	resDetect™ Trypsin ELISA Kit
Other Residual Detection	RES-A024	protein A (SuRe)	resDetect™ Universal Protein A Quick ELISA kit
	RES-A029	protein A (SuRe)	resDetect™ Universal Protein A Quick ELISA Kit (Boiling-free)
	RES-A059	VH3	resDetect™ VH3 ELISA Kit (Residue Testing)
	RES-A026	protein L	resDetect™ Protein L ELISA Kit
	RES-A050	Capsid protein p24	resDetect™ HIV-1 p24 ELISA Kit (Residue Testing)
	RES-A092	dsRNA	Double-Stranded RNA (dsRNA) ELISA Kit

Scan to learn more



SAFENSURE™



resDetect™

AAV Titer Quantitation Kits

Adeno-associated virus (AAV) vectors are responsible for delivering the modified gene payload to its therapy. We offer AAV titration ELISA kits designed to quantitatively evaluate AAV titer to prepare for vector preparation.

- Products List

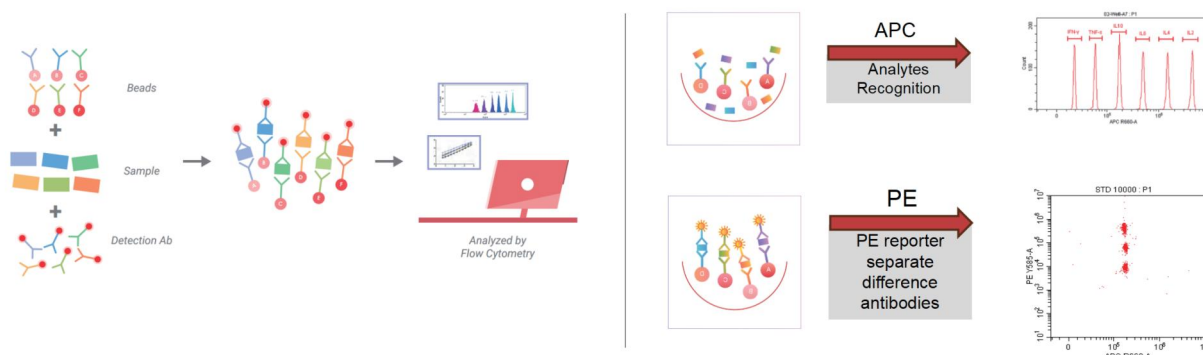
Serotype	Cat. No.	Product Description
AAV2	AAV-A002	AAV2 Titration ELISA Kit
	AAV-A002H	AAV2 Titration ELISA Kit (Fast)
AAV3	AAV-A003	AAV3 Titration ELISA Kit
	AAV-A003H	AAV3 Titration ELISA Kit (Fast)
AAV5	AAV-A005	AAV5 Titration ELISA Kit
	AAV-A005H	AAV5 Titration ELISA Kit (Fast)
AAV8	AAV-A008	AAV8 Titration ELISA Kit
	AAV-A008H	AAV8 Titration ELISA Kit (Fast)
AAV9	AAV-A009	AAV9 Titration ELISA Kit
	AAV-A009H	AAV9 Titration ELISA Kit (Fast)



AAV Related Products

Cytometric Bead Array Kits

Built on a flow cytometric bead array platform, our validated cytokine kits enable accurate single- or multiplex quantification, supporting preclinical, clinical, and manufacturing quality control with an efficient, cost-effective workflow.



- Principles

- Flow cytometry separates magnetic beads based on the fluorescent wavelength emitted by each bead. Specific antibodies are coupled to the surface of each bead which binds to a specific, different molecule
- PE-labeled detection antibodies are added to detect the molecules captured on the magnetic bead
- PE signal is detected by flow cytometry and quantified against a standard curve

Includes fluorescent beads, antibodies, and reagents for cytokine detection. Enables simultaneous quantification of multiple cytokines (IL-2, IL-4, IL-6, IL-10, IL-15, IL-17A, TNF- α , IFN- γ) in media or serum, supporting Th1/Th2/Th17 analysis and efficient multi-parameter testing of limited samples. Flexible combinations adapt to your research needs.

- Products List

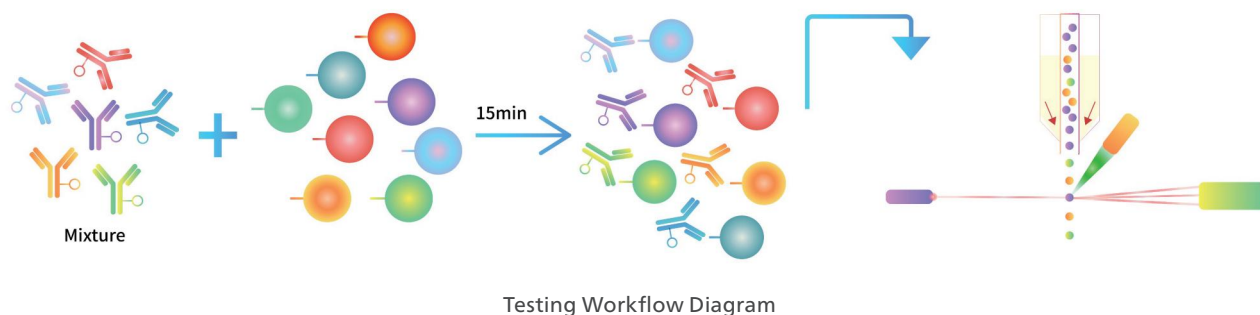
Type	Molecular	Cat. No.	Product Description
Kit	Th1/Th2 cytokine	FCM-C05R	Human Th1/Th2 Cytokine Kit (Flow Cytometry Multiplex Bead Assay)
	IL-2	FCSh-001	Human IL-2 Detection Kit (Flow Cytometry Bead Assay)
	IL-4	FCSh-002	Human IL-4 Detection Kit (Flow Cytometry Bead Assay)
	IL-6	FCSh-003	Human IL-6 Detection Kit (Flow Cytometry Bead Assay)
	TNF- α	FCSh-004	Human TNF- α Detection Kit (Flow Cytometry Bead Assay)
	IFN- γ	FCSh-005	Human IFN- γ Detection Kit (Flow Cytometry Bead Assay)
	IL-15	FCSh-006	Human IL-15 Detection Kit (Flow Cytometry Bead Assay)
	IL-1 β	FCSh-013	Human IL-1 β Detection Kit (Flow Cytometry Bead Assay)
	IL-5	FCSh-014	Human IL-5 Detection Kit (Flow Cytometry Bead Assay)
	IL-10	FCSh-017	Human IL-10 Detection Kit (Flow Cytometry Bead Assay)
	IL-17A	FCSh-018	Human IL-17A Detection Kit (Flow Cytometry Bead Assay)
	IL-8	FCSh-015	Human IL-8 Detection Kit (Flow Cytometry Bead Assay)
	IL-12p70	FCSh-016	Human IL-12p70 Detection Kit (Flow Cytometry Bead Assay)
	Granzyme B	FCSh-019	Human Granzyme B Detection Kit (Flow Cytometry Bead Assay)
	VEGF	FCSh-024	Human VEGF Detection Kit (Flow Cytometry Bead Assay)
	MCP-1/CCL2	FCSh-026	Human MCP-1/CCL2 Detection Kit (Flow Cytometry Bead Assay)
	IFN- α 2	FCSh-027	Human IFN- α 2 Detection Kit (Flow Cytometry Bead Assay)
	IL-2	FCSm-007	Mouse IL-2 Detection Kit (Flow Cytometry Bead Assay)
	IL-4	FCSm-008	Mouse IL-4 Detection Kit (Flow Cytometry Bead Assay)
	IL-6	FCSm-009	Mouse IL-6 Detection Kit (Flow Cytometry Bead Assay)
	IL-10	FCSm-010	Mouse IL-10 Detection Kit (Flow Cytometry Bead Assay)
	TNF- α	FCSm-011	Mouse TNF- α Detection Kit (Flow Cytometry Bead Assay)
	IFN- γ	FCSm-012	Mouse IFN- γ Detection Kit (Flow Cytometry Bead Assay)
	IL-17A	FCSm-020	Mouse IL-17A Detection Kit (Flow Cytometry Bead Assay)
	IL-5	FCSm-021	Mouse IL-5 Detection Kit (Flow Cytometry Bead Assay)
	MCP-1/CCL2	FCSm-022	Mouse MCP-1/CCL2 Detection Kit (Flow Cytometry Bead Assay)
	IL-1 β	FCSm-023	Mouse IL-1 β Detection Kit (Flow Cytometry Bead Assay)
Buffer	/	FCMB-01	2 $\times$ Assay Buffer
	/	FCMB-02	10 $\times$ Wash Buffer
	/	FCMB-03	Assay Buffer-01
	/	FCMB-04	Wash Buffer-01
Bead	/	FMBf001-02	APC Positive Control-01
	/	FMBf001-01	PE Positive Control-01
Rack	/	MB-01	Magnetic Stand for 4 Tubes (15mL, 50mL)
	/	MB-02	Magnetic Stand for 12 Tubes (1.5mL, 2mL)
Others	FCM Plate	FCMP-02	96-well Sealing film



Cytometric Bead Array Platform

Cell Phenotyping Flow Cytometry Tools

Rigorously validated flow cytometry solutions for precise cell population and state analysis. Includes fluorescent antibodies and pre-mixed kits, supporting efficient cell phenotyping for preclinical and clinical immunomonitoring.



- **Flexible Selection:** Offers both antibodies and kits, allowing flexible selection of fluorescent antibodies to analyses different cells
- **Lightning-Fast Result:** Achieve reliable staining in just 15 minutes with our one-step mixed antibody cocktail
- **Effortless Operation:** Simply mix, incubation, and detect with a flow cytometer
- **Universal Compatibility:** Suitable for flow cytometers with blue and red lasers and six-color detection channels
- **High Throughput:** Capable of analyzing up to 50 samples simultaneously
- **High Specificity:** Validated with Isotype Control, FMO Control, and Mock Cell Controls
- **Optimal Sensitivity:** Specially selected antibody and dye combinations ensure precise detection
- **Reliable data validation:** Verified by real PBMC samples
- **Cost-Effective:** Proprietary antibody and fluorochrome coupling technology

- Products List

Type	Cat. No.	Product Description
Premixed Panel	ICA-A001	Human TBNK 6-color Cocktail Flow Panel
Fluorescent Antibody	CD2-AHFM8	APC-Labeled Monoclonal Anti-Human CD2 Antibody, Mouse IgG1 (RPA-2.10) (0.03% Proclin)
	CD2-PCFM8	PE-Labeled Monoclonal Anti-Human CD2 Antibody, Mouse IgG1 (RPA-2.10) (0.03% Proclin)
	CD3-FM532	FITC-Labeled Monoclonal Anti-Human CD3 Antibody, Mouse IgG1 (UCHT1) (0.03% Proclin)
	CD4-AMY2061	APC-Labeled Monoclonal Anti-Human CD14 Antibody, Mouse IgG1 (20F9E3) (0.03% Proclin)
	CD4-PMY2061	PE-Labeled Monoclonal Anti-Human CD14 Antibody, Mouse IgG1 (20F9E3) (0.03% Proclin)
	CD6-AFM782	APC-Labeled Monoclonal Anti-CD16 Antibody, Mouse IgG1 (3G8) (0.03% Proclin)
	CD6-PFM782	PE-Labeled Monoclonal Anti-CD16 Antibody, Mouse IgG1 (3G8) (0.03% Proclin)
	CD8-AHFC1	APC-Labeled Monoclonal Anti-Human CD28 Antibody, Mouse IgG1 (0.03% Proclin)
	CD8-PCFC1	PE-Labeled Monoclonal Anti-Human CD28 Antibody, Mouse IgG1 (0.03% Proclin)
	CD9-FM7A1	FITC-Labeled Monoclonal Anti-Human CD19 Antibody, Mouse IgG2a (FMC63) (0.03% Proclin)
	CDA-AFM785	APC-Labeled Monoclonal Anti-CD16a Antibody, Mouse IgG1 (3H8B10) (0.03% Proclin)
	CDA-PFM785	PE-Labeled Monoclonal Anti-CD16a Antibody, Mouse IgG1 (3H8B10) (0.03% Proclin)
	CDE-AHFP1	APC-Labeled Monoclonal Anti-Human CD3 Antibody, Mouse IgG2a (Clone: OKT3) <i>Star Staining</i>
	CDE-F15dP1	FITC-Labeled Monoclonal Anti-Human CD3 Antibody, Mouse IgG2a (Clone: OKT3)
	CDE-M531	Monoclonal Anti-Human CD3 Antibody, Mouse IgG1 (SP34-2)

Type	Cat. No.	Product Description
Fluorescent Antibody	CDE-M532	Monoclonal Anti-Human CD3 Antibody, Mouse IgG1 (UCHT1)
	CDE-PCFP1	PE-Labeled Monoclonal Anti-Human CD3 Antibody, Mouse IgG2a (Clone: OKT3) <i>Star Staining</i>
	FABm001-03	FITC-Labeled Monoclonal Anti-Human CD3 Antibody, Mouse IgG2a (Clone: OKT3)
	FABm001-04	PE-CY7-Labeled Monoclonal Anti-Human CD3 Antibody, Mouse IgG2a (OKT3) (0.03% Proclin)
	FABm002-04	PE-CY7-Labeled Monoclonal Anti-Human CD4 Antibody, Mouse IgG1 (8C3)
	FABm003-05	APC-CY7-Labeled Monoclonal Anti-Human CD8 Antibody, Mouse IgG1
	FABm004-02	APC-Labeled Monoclonal Anti-Human CD19 Antibody, Mouse IgG2a (FMC63)
	FABm005-01	PE-Labeled Monoclonal Anti-Human CD16 Antibody, Mouse IgG (AS224)
	FABm006-01	PE-Labeled Monoclonal Anti-Human CD56 Antibody
	FABm007-01	PE-Labeled Monoclonal Anti-Human CD45 Antibody, Mouse IgG2a (0.03% Proclin)
	FABm007-06	PerCP-Cy5.5 Labeled Monoclonal Anti-Human CD45 Antibody, Mouse IgG2a
	FABm011-02	APC-Labeled Monoclonal Anti-Human CD127 Antibody, Mouse IgG1 (R514) (0.03% Proclin)
	FABm012-01	PE-Labeled Monoclonal Anti-Human CD25 Antibody, Mouse IgG1 (S561) (0.03% Proclin)
	FABm020-01	PE-Labeled Monoclonal Anti-Human HLA-DR Antibody, Mouse IgG2a (L243) (0.03% Proclin)
	FABm021-01	PE-Labeled Monoclonal Anti-Human CD45RO Antibody, Mouse IgG2a (UCHL1) (0.03% Proclin)
	FABm022-01	PE-Labeled Monoclonal Anti-Human CD69 Antibody, Mouse IgG1 (3C5B7) (0.03% Proclin)
	FABm023-01	PE-Labeled Monoclonal Anti-Human CD90 Antibody, Mouse IgG1 (AS572) (0.03% Proclin)
	FABm024-01	PE-Labeled Monoclonal Anti-Human CD73 Antibody, Mouse IgG1 (5A10) (0.03% Proclin)
	FABm024-02	APC-Labeled Monoclonal Anti-Human CD73 Antibody, Mouse IgG1 (5A10) (0.03% Proclin)
	FABm025-01	PE-Labeled Monoclonal Anti-Human CD7 Antibody, Mouse IgG2a (AS577) (0.03% Proclin)
	FABm032-01	PE-Labeled Monoclonal Anti-Human CD5 Antibody, Mouse IgG1 (2C8A7) (0.03% Proclin)
	FABm033-01	PE-Labeled Monoclonal Anti-Human CD31 Antibody, Mouse IgG1 (AS580) (0.03% Proclin)
	FABm034-01	PE-Labeled Monoclonal Anti-Human CD34 Antibody, Mouse IgG1 (AS579) (0.03% Proclin)
	FABm035-01	PE-Labeled Monoclonal Anti-Human CD95 Antibody, Mouse IgG1 (AS578) (0.03% Proclin)
	FABm036-01	PE-Labeled Monoclonal Anti-Human BTLA Antibody, Mouse IgG2a (AS616) (0.03% Proclin)
	FABm038-01	PE-Labeled Monoclonal Anti-Human 4-1BB Antibody, Mouse IgG1 (0.03% Proclin)
	FABm039-01	PE-Labeled Monoclonal Anti-Human CD44 Antibody, Mouse IgG1 (AS625) (0.03% Proclin)
	FABm040-01	PE-Labeled Monoclonal Anti-Human CD45RA Antibody, Mouse IgG2b (AS624) (0.03% Proclin)
	FABm041-01	PE-Labeled Monoclonal Anti-Human NKp46 Antibody, Mouse IgG1 (4E5) (0.03% Proclin)
	FABm042-01	PE-Labeled Monoclonal Anti-Human TIM-3 Antibody, Rabbit IgG (M1G07) (0.03% Proclin)
	FABm043-01	PE-Labeled Monoclonal Anti-Human CTLA-4 Antibody, Mouse IgG2a (AS628) (0.03% Proclin)
	FABm044-01	PE-Labeled Monoclonal Anti-Human CD279 (PD-1) Antibody, Mouse IgG2b (AS630) (0.03% Proclin)
	FABm056-06	PerCP-Cy5.5 Labeled Monoclonal Anti-Human CD45 Antibody, Mouse IgG2a (2E9) (0.03% Proclin)
	FABm057-01	PE-Labeled Monoclonal Anti-Human CD197 / CCR7 Antibody, Mouse IgG2a (AS651) (0.03% Proclin)
	FABm061-01	PE-Labeled Monoclonal Anti-Human CD223 / LAG-3 Antibody, Mouse IgG1 (AS659) (0.03% Proclin)
	FABr054-01	PE-Labeled Monoclonal Anti-Human TIGIT Antibody, Rabbit IgG (M1G03) (0.03% Proclin)
	FM3-PCFM7	PE-Labeled Monoclonal Anti-Human CD19 Antibody, Mouse IgG2a (FMC63)
Isotype Control	FABm008-04	PE-CY7-Labeled Mouse IgG1 Antibody Isotype Control
	FABm008-05	APC-CY7-Labeled Mouse IgG1 Antibody Isotype Control
	FABm009-06	PerCP-Cy5.5-Labeled Mouse IgG2a Antibody Isotype Control



Cell Phenotyping Tools

Antibody Fluorescent Labeling Kits

ACROBiosystems' Fluorescent Antibody Labeling Kit, rigorously validated, uses disulfide bond modification to enable rapid covalent conjugation of fluorophores like PE or APC. Labeled antibodies require no purification, preserve unlabeled antibodies, and provide a flexible solution for flow cytometry analyses.

Cat. No.	Product Description
ALK-A001	R-PE Antibody Labeling Kit
ALK-A002	APC Antibody Labeling Kit
ALK-A003	FITC Antibody Labeling Kit

Cytokine Detection Kits

Refer to P04 for details

Pharmacokinetics (PK) Study Tools

Preclinical and clinical PK studies of CAR cell therapy monitor in vivo expansion and persistence, typically using qPCR and flow cytometry. To address low CAR-T abundance and complex sample backgrounds, we offer high-sensitivity CAR target proteins, anti-idiotype antibodies, and anti-CAR linker antibodies optimized for flow cytometry analysis.

- Products List

Fluorescent-labeled CAR Target Proteins

Alexa Fluor 647

BCMA	CD19	Mesothelin	Glypican 3	CD147	CD300e
HER2	Siglec-2	Siglec-3	PD-1	OX40	MUC-1
TSLP R					

Alexa Fluor 555

BCMA	CD19	Mesothelin	Glypican 3	NKG2D	FAP
Nectin-4	CD37	Protein L			

Alexa Fluor 488

BCMA	CD19	Mesothelin	Glypican 3	CD147	CD300e
HER2	Siglec-2	Siglec-3	PD-1	OX40	MUC-1
TSLP R					

PE

Glypican 3	NKG2D	FAP	Nectin-4	CD37	Protein L
CD147	CD300e	HER2	Siglec-2	Siglec-3	PD-1
OX40	MUC-1	TSLP R			

APC

Glypican 3	CD147	CD300e	HER2	Siglec-2	Siglec-3
PD-1	OX40	MUC-1	TSLP R		

Anti-Idiotypic Antibody

Molecular	Cat. No.	Product Description
FMC63	FM3-Y45P1	Monoclonal Anti-FMC63 Antibody, Mouse IgG1 (Y45) (HEK293)
	FM3-Y45	Monoclonal Anti-FMC63 Antibody, Mouse IgG1 (Y45)
	FM3-FY45P1	FITC-Labeled Monoclonal Anti-FMC63 Antibody, Mouse IgG1 (Y45) (HEK293)
	FM3-FY45	FITC-Labeled Monoclonal Anti-FMC63 Antibody, Mouse IgG1 (Y45)
	FM3-BY54	Biotinylated Monoclonal Anti-FMC63 Antibody, Mouse IgG1, Avitag™ (Y45)
	FM3-AY54P1	APC-Labeled Monoclonal Anti-FMC63 Antibody, Mouse IgG1 (Y45) (Site-specific conjugation)
	FM3-AY54A1	APC-Labeled Monoclonal Anti-FMC63 Antibody, Mouse IgG1 (Y45) (Site-specific conjugation) (0.03% Proclin)
	FM3-AM534	Alexa Fluor™ 647-Labeled Monoclonal Anti-FMC63 Antibody, Mouse IgG1 (Y45) <i>Star Staining</i>
	FM3-HPY53	PE-Labeled Monoclonal Anti-FMC63 Antibody, Mouse IgG1 (Y45) (Site-specific conjugation) (Preservative free)
	FM3-PY54A2	PE-Labeled Monoclonal Anti-FMC63 Antibody, Mouse IgG1 (Y45) (Site-specific conjugation) (0.03% Proclin)
	FM3-AHFMY2	APC-Labeled Monoclonal Anti-FMC63 Antibody, Rabbit IgG (M4H08) (Non-Neutralizing) (0.03% Proclin)
	FM3-AFM721	APC-Labeled Monoclonal Anti-FMC63 Antibody, Rabbit IgG (1G10) (0.03% Proclin)
	FM3-ABFMY2	Alexa Fluor™ 647-Labeled Monoclonal Anti-FMC63 Antibody, Rabbit IgG (M4H08) (Non-Neutralizing) (0.03% Proclin)
	FM3-PFM721	PE-Labeled Monoclonal Anti-FMC63 Antibody, Rabbit IgG (1G10) (0.03% Proclin)
	FM3-PCFMY2	PE-Labeled Monoclonal Anti-FMC63 Antibody, Rabbit IgG (M4H08) (Non-Neutralizing) (0.03% Proclin)
C11D5.3 scFv	C13-AFMYb	Alexa Fluor™ 647-Labeled Monoclonal Anti-C11D5.3 scFv Antibody, Mouse IgG1 (3G8C1) (0.03% Proclin)
	C13-AHFMY2	APC-Labeled Monoclonal Anti-C11D5.3 scFv Antibody, Mouse IgG1 (3G8C1) (0.03% Proclin)
	C13-PCFMY2	PE-Labeled Monoclonal Anti-C11D5.3 scFv Antibody, Mouse IgG1 (3G8C1) (0.03% Proclin)

Anti-CAR Linker Antibody

Molecular	Cat. No.	Product Description
G4S linker	G4S-PFMY25	PE-Labeled Monoclonal Anti-G4S linker Antibody, Rabbit IgG (016) (0.03% Proclin)
	G4S-AFMY25	APC-Labeled Monoclonal Anti-G4S linker Antibody, Rabbit IgG (016) (0.03% Proclin)
	G4S-FAFYP1	FITC-Labeled Monoclonal Anti-G4S linker Antibody, Rabbit IgG (016) (0.03% Proclin)
	G4S-AEFYP1	Alexa Fluor™ 555-Labeled Monoclonal Anti-G4S linker Antibody, Rabbit IgG (016) (0.03% Proclin)
	G4S-ABFYP1	Alexa Fluor™ 647-Labeled Monoclonal Anti-G4S linker Antibody, Rabbit IgG (016) (0.03% Proclin)
	G4S-HLY25G1	HRP conjugated Monoclonal Anti-G4S linker Antibody, Rabbit IgG (016)
	G4S-AFYP1	Alexa Fluor™ 488-Labeled Monoclonal Anti-G4S linker Antibody, Rabbit IgG (016) (0.03% Proclin)
Whitlow 218 linker	218-PCFMY3	PE-Labeled Monoclonal Anti-Whitlow 218 linker Antibody, Rabbit IgG (P3C09) (0.03% Proclin)
	218-AHFMY3	APC-Labeled Monoclonal Anti-Whitlow 218 linker Antibody, Rabbit IgG (P3C09) (0.03% Proclin)
	218-AFFMY3	Alexa Fluor™ 488-Labeled Monoclonal Anti-Whitlow 218 linker Antibody, Rabbit IgG (P3C09) (0.03% Proclin)
	218-ABFMY3	Alexa Fluor™ 647-Labeled Monoclonal Anti-Human 218 linker Antibody, Rabbit IgG (P3C09) (0.03% Proclin)

Immunogenicity Study

ACROBiosystems' anti-idiotypic antibody platform provides products like Anti-FMC63 scFv and Anti-C11D5.3 scFv, designed to evaluate CAR cell therapy immunogenicity, with custom ADA services available.

- Products List

Molecular	Cat. No.	Product Description
FMC63	FM3-Y45A1	Monoclonal Anti-FMC63 Antibody, Mouse IgG1 (Y45) (Carrier-free) (recommended for ADA assay)
	RAB-P001	Anti-CD19 (FMC63) CAR Immunogenicity ELISA Kit
	CD9-M52Hb	FMC63 scFv, His Tag (MALS verified)
	FM3-Y45P1	Monoclonal Anti-FMC63 Antibody, Mouse IgG1 (Y45) (HEK293)
	FM3-Y45	Monoclonal Anti-FMC63 Antibody, Mouse IgG1 (Y45)
	C13-MY2010b	Monoclonal Anti-C11D5.3 scFv Antibody, Mouse IgG1 (3G8C1) (Carrier-free) (recommended for ADA assay) (MALS verified)

Biomarker Detection Kits

Biomarker analysis is essential for exploratory studies, decision-making, and surrogate endpoints in clinical research. We offer kits for traditional and novel biomarkers, covering a wide range to support diverse clinical-stage studies.

Refer to P04 for details

Scan to learn more



Fluorescent CAR Target Protein



Anti-FMC63 Antibody



Anti-CAR Linker Antibody



Anti-idiotypic Antibody Development

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DBA
ITALIA

Via Umbria 10, Segrate (MI)
<https://www.dbacompare.it>
info@dbaitalia.it
+39 02 26922300

Acro^{BIOSYSTEMS} | *Where Proteins and Innovation
Advance Biomedicine*

Tel: +1 800-810-0816
www.acrobiosystems.com
order@acrobiosystems.com
1 Innovation Way, Newark, DE 19711



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