



Enhancing Global Health

Liquid Biochip

Product Catalog

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The liquid chip system is composed of many round microspheres as the main matrix. Each microsphere immobilizes a different kind of probe molecule, and these microspheres are suspended in a liquid system to form a liquid chip system. With this system, multiple different indexes in the same sample can be detected simultaneously.

As a new type of biological detection platform, the liquid chip has significant advantages such as high throughput, accuracy, rapid, sensitivity, specificity, multiple detections, and simple operation, which has broad development and application prospects. Widely used in cytokines, tumor markers, autoantibodies, pathogens, genes, hormones, inflammation, and other related detection.



The Mplex-M100 analyzer is based on the flow cytometry technology. With the help of hydrodynamics, optics, machinery, temperature control, software, and microspheres, it can analyze up to 100 analytes in a single test sample at the same time.

- High throughput
- High sensitivity
- High specificity
- Accuracy, rapid detection
- Deliver more data from less sample
- Simple operation

Product List

	Item	Product	Catalog No.	Size
Cervical Cancer	HPV18	Nucleic Acid Genotyping Kit for Human Papillomavirus 18 Types (Flowcytometry Fluorescence Hybridization Method)	2HPV18A01	48 Tests/Kit
	HPV29	Nucleic Acid Genotyping Kit for Human Papillomavirus 29 Types (Flowcytometry Fluorescence Hybridization Method)	2HPV29A01	48 Tests/Kit
	LCM5	Quantitative Analysis Kit for Five Lung Cancer-related Biomarkers (Flowcytometry Fluorescence Method)	1LCM5A01	96 Tests/Kit
Oncology	TM7	Quantitative Analysis Kit for Seven Tumor Markers (Flowcytometry Fluorescence Method)	1TM7A01	96 Tests/Kit
	TM6	Quantitative Analysis Kit for Six Tumor Markers (Flowcytometry Fluorescence Method)	1TM6B01	100 Tests/Kit
	TM7B	Quantitative Analysis Kit for Seven Tumor Markers(Flowcytometry Fluorescence Method)	1TM7B01	100 Tests/Kit
	GF3	Quantitative Analysis Kit for Pepsinogen I, Pepsinogen II and Gastrin-17 (Flowcytometry Fluorescence Method)	1GF3B01	100 Tests/Kit
	TM2	Quantitative Analysis Kit for Alpha-fetoprotein and Carcino-embryonic antigen (Flowcytometry Fluorescence Method)	1TM2B01	100 Tests/Kit
Autoimmunity	AA15	Analysis Kit for Fifteen Autoantibodies Spectrum (Flowcytometry Fluorescence Method)	1AA15B01	100 Tests/Kit

Cervical Cancer

01

HPV18

Nucleic Acid Genotyping Kit for Human Papillomavirus 18 types
(Flowcytometry Fluorescence Hybridization Method)

CE



This kit is a qualitative *in vitro* flowcytometry fluorescence test suitable for the detection of human papillomavirus nucleic acid in cervical exfoliated cells and the typing of the detected human papillomavirus, including HPV16, HPV 18, HPV 31, HPV 33, HPV 35, HPV 39, HPV 45, HPV 51, HPV 52, HPV 56, HPV 58, HPV 59, HPV 66, HPV 68, HPV 26, HPV 53, HPV 73 and HPV 82.

Ordering Information

Product Description	Specimen	Catalog No.	Format	Kit Size
Nucleic Acid Genotyping Kit for Human Papillomavirus 18 Types	Exfoliated cervical cells	2HPV18A01	Kit	48 Tests/Kit

HPV29

Nucleic Acid Genotyping Kit for Human Papillomavirus 29 types
(Flowcytometry Fluorescence Hybridization Method)

CE



This kit is a qualitative *in vitro* flowcytometry fluorescence test suitable for the detection of human papillomavirus nucleic acid in cervical exfoliated cells and the typing of the detected human papillomavirus, including HPV16, HPV 18, HPV 31, HPV 33, HPV 35, HPV 39, HPV 45, HPV 51, HPV 52, HPV 56, HPV 58, HPV 59, HPV 66, HPV 68, HPV 26, HPV 53, HPV 73, HPV 82, HPV 6, HPV 11, HPV 40, HPV 42, HPV 43, HPV 44, HPV 55, HPV 61, HPV 70, HPV 81 and HPV 83.

Ordering Information

Product Description	Specimen	Catalog No.	Format	Kit Size
Nucleic Acid Genotyping Kit for Human Papillomavirus 29 Types	Exfoliated cervical cells	2HPV29A01	Kit	48 Tests/Kit

* If not reconstituted, all lyophilized reagents need only be stored at room temperature, protected from light. The shelf life of the kit is 12 months.

Oncology

02

LCM5

Quantitative Analysis Kit for Five Lung Cancer-related Biomarkers
(Flowcytometry Fluorescence Method)

CE



This kit is a quantitative *in vitro* Flowcytometry Fluorescence test suitable for detecting the concentration of five lung cancer-related biomarkers including CEA, CA125, CYFRA21-1, NSE, proGRP in human serum.

Linear range

CEA	NSE	CA125	CYFRA21-1	proGRP
ng/mL	ng/mL	U/mL	ng/mL	pg/mL
3.2-360	2-200	8-800	0.8-120	10-5000

Ordering Information

Product Description	Specimen	Catalog No.	Format	Kit Size
Quantitative Analysis Kit for Five Lung Cancer Related Biomarkers Kit	Serum	1LCM5A01	Kit	96 Tests/Kit

* Store at 2~8°C with 12 months validity.

TM7
Quantitative Analysis Kit for Seven Tumor Markers (Flowcytometry Fluorescence Method)

This kit is a quantitative *in vitro* Flowcytometry Fluorescence test suitable for detecting the concentration of seven tumor biomarkers including CEA , NSE , CYFRA21-1, CA125 proGRP, CA19-9, CA72-4 in human serum.



Linear range

CEA	NSE	CA125	CYFRA21-1	proGRP	CA19-9	CA72-4
ng/mL	ng/mL	U/mL	ng/mL	pg/mL	U/ mL	U/ mL
3.2-360	2-200	8-800	0.8-120	10-5000	3-500	2.5-300

Ordering Information

Product Description	Specimen	Catalog No.	Format	Kit Size
Quantitative Analysis Kit for Seven Tumor Markers	Serum	1TM7A01	Kit	96 Tests/Kit

* Store at 2~8°C with 12 months validity.

TM6
Quantitative Analysis Kit for Six Tumor Markers (Flowcytometry Fluorescence Method)

This kit is a quantitative *in vitro* Flowcytometry Fluorescence test suitable for detecting the concentration of six tumor biomarker including CEA, CYFRA21-1, NSE, CA125, proGRP, SCCA in human serum.



Linear range

CEA	NSE	CA125	CYFRA21-1	proGRP	SCCA
ng/mL	ng/mL	U/mL	ng/mL	pg/mL	ng/mL
3.2-360	2-200	8-800	0.8-120	10-5000	0.5-50

Ordering Information

Product Description	Specimen	Catalog No.	Format	Kit Size
Quantitative Analysis Kit for Six Tumor Markers	Serum	1TM6B01	Kit	100 Tests/Kit

* Store at 2~8°C with 12 months validity.

TM7B

Quantitative Analysis Kit for Seven Tumor Markers (Flowcytometry Fluorescence Method)

This kit is a quantitative *in vitro* Flowcytometry Fluorescence test suitable for detecting the concentration of seven tumor markers including CEA, CYFRA21-1, NSE , CA125, proGRP, CA72-4, CA19-9 in human serum.



Linear range

CEA	NSE	CA125	CYFRA21-1	proGRP	CA19-9	CA72-4
ng/mL	ng/mL	U/mL	ng/mL	pg/mL	U/ mL	U/ mL
3.2-360	2-200	8-800	0.8-120	10-5000	3-500	2.5-300

Ordering Information

Product Description	Specimen	Catalog No.	Format	Kit Size
Quantitative Analysis Kit for Seven Tumor Markers	Serum	1TM7B01	Kit	100 Tests/Kit

* Store at 2~8°C with 12 months validity.

GF3

Quantitative Analysis Kit for Pepsinogen I, Pepsinogen II and Gastrin-17 (Flowcytometry Fluorescence Method)

This kit is a quantitative *in vitro* Flowcytometry Fluorescence test suitable for detecting the concentration of three gastric function related markers including PGI, PGII, G-17 in human serum.



Linear range

PGI	PGII	G-17
ng/mL	ng/mL	pmol/L
1.0-200	1.0-100	1.0-200

Ordering Information

Product Description	Specimen	Catalog No.	Format	Kit Size
Quantitative Analysis Kit for Pepsinogen I, Pepsinogen II and Gastrin-17	Serum	1GF3B01	Kit	100 Tests/Kit

* Store at 2~8°C with 12 months validity.

Oncology

02

TM2
Quantitative Analysis Kit for Alpha-fetoprotein and Carcino-embryonic antigen
(Flowcytometry Fluorescence Method)

This kit is a quantitative *in vitro* Flowcytometry Fluorescence test suitable for detecting the concentration of two tumor biomarker including AFP and CEA in human serum.



Linear range

CEA	AFP
ng/mL	ng/mL
3.2-360	2.5-500

Ordering Information

Product Description	Specimen	Catalog No.	Format	Kit Size
Quantitative Analysis Kit for Alpha-fetoprotein and Carcino-embryonic antigen	Serum	1TM2B01	Kit	100 Tests/Kit

* Store at 2~8°C with 12 months validity.

Autoimmunity

03

AA15
Analysis Kit for Fifteen Auto-antibodies Spectrum (Flowcytometry Fluorescence Method)

This kit is a quantitative *in vitro* Flowcytometry Fluorescence test suitable for detecting the concentration of Anti-dsDNA and semi-quantitative detecting other fourteen Auto-antibodies including Anti-Nudesome, Anti-RibosomalP, Anti-SSA-52, Anti-SSA-60, Anti-SSB, Anti-CENPB, Anti-SCL70, Anti-RNP, Anti-AMA-M2, Anti-JO1, Anti-Sm, Anti-Histone, Anti-PM/SCL, Anti-PC-NA in human serum.



Ordering Information

Product Description	Specimen	Catalog No.	Format	Kit Size
Analysis Kit for Fifteen Autoantibodies Spectrum	Serum	1AA15B01	Kit	100 Tests/Kit

* Store at 2~8°C with 12 months validity.