



Primecare



CLIA

MICROFLUIDICS (FOR ALLERGEN)



Description

Blood collection and results are completed within 30 minutes;
Supports whole blood loading, and the reagents can be stored at room temperature for 1 year;
Each plate can detect 10-20 immune indicators in parallel;
Each project is conducted independently, with no interference in responses;
Instrument + reagent dual quality control.

product description

Convenient

Supports whole blood loading
Reagents can be stored at room temperature for 1 year

Fast

Blood collection to result is completed within 30 minutes

Efficient

Each plate can detect 10-20 immune indicators in parallel

Accurate

Each project is conducted independently, with no interference in response
Instrument + reagent dual quality control



Features

Advanced:

New generation technology of Centrifugal Microfluidics + CLIA + POCT

Detection time less than 35 minutes per person

Self-developed components that support room temperature transportation and storage

Practical:

Compact design with an area of only 0.06 m² and a weight of less than 10 kg

No liquid system inside, easier for daily maintenance

Supports multiple sample types including whole blood, serum, and plasma

Flexible:

Fully automatic dilution, cup separation, mixing, cleaning, and detection

Free combination of IgE and IgG detection

A comprehensive and unique menu, covering Autoimmunity Diseases, Allergen, Cardiac Markers, etc.

Technical Specifications

Model: iMegaFlow

Detection Principle: CLIA

Throughput: 48 tests /hour

Time to first result: 35 mins

Sample Types: Whole blood, serum, plasma, etc.

Incubation Temperature: 37°C±0.3°C

Dimensions: 320 mm x 200 mm x 285mm

Weight: 10 kg

Power Supply: 100-240 V~, 50/60Hz

Atmospheric Pressure: 61.6kPa~106.0 kPa



Test panels

Group	Code	Allergen	Group	Code	Allergen
Mite	D1	Dermatoph. pt.	Grass	G5	Rye grass
	D2	Dermatoph. far.		G6	Timothy grass
	D3	House dust mite		G8	June grass (Kentucky Blue)
	D201	Blomia tropicalis		F1	Egg white
Animal	E2	Cat dander-epithelium	F2	Milk	
	E3	Dog epithelium	F3	Codfish	
	I6	Cockroach	F4	Wheat	
Weed	W1	Common ragweed	F10	Sesame Seed	
	W6	Mugwort	F11	Buckwheat	
	W10	Common pigweed	F13	Peanut	
	W90	Japanese hops*	F14	Soybean	
Tree	T3	Birch	F16	Walnut	
	T6	Mountain cedar	F20	Almond	
	T8	Elm	F23	Crab	
	T11	Sycamore	F24	Shrimp	
	T12	Willow	F27	Beef	
	T14	Cottonwood	F44	Strawberry	
	T15	White ash	F49	Apple	
Mold	M1	Penicillium notatum	F75	Egg yolk	
	M2	Cladosporium herbarum	F80	Lobster	
	M3	Aspergillus fumigatus	F88	Mutton	
	M5	Candida albicans	F91	Mango	
	M6	Alternaria alternata	F95	Peach	
	M33	Aspergillus niger	F133	Cashew	
/	/	Total IgE	F203	Pistachio nut	



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