



Xenon light source



Microfluidic Reagent Rotor

**7** minutes

Sample-to-answer in 3 simple steps and approximately 7 minutes

## MNCHIP - Clinical Chemistry<sup>+</sup> - Celercare<sup>®</sup> cM5 On-site Blood Chemistry Analyzer

Perfectly suited for health screening operations, Celercare cM5 is upgraded with better performance on continuous testing and patients can get complete care in one visit.

### EASY TO USE

Fully automated system - no special operating skills required

- 8.4 inch capacitive touch screen, more friendly interface.
- 0.1cc whole blood, serum or plasma.
- Barcoded prefabricated calibration information
- Built-in printer, results printed directly.
- LIS compatible, no need to manually enter patient information.
- Results could be printed through an office printer or through data management platform (MMDMP).

### QUICK RESULTS

From sample to complete results in 3 simple steps in approximately 7 minutes



1. Add sample



2. Insert disc



3. Read results

### ACCURATE AND RELIABLE

Advanced technology ensures precise results

- Microfluidics discs with pre-installed reagent pellets ensure accurate analysis of blood samples and reagents.
- Stable measurement optics include a troboscopic xenon lamp, a wavelength selection system, and a multiple-wavelength detector.
- Integrated quality control software monitors the entire process in real time (ensuring consistent analysis of blood samples, reagents, microfluidic discs and chemistry analyzer).

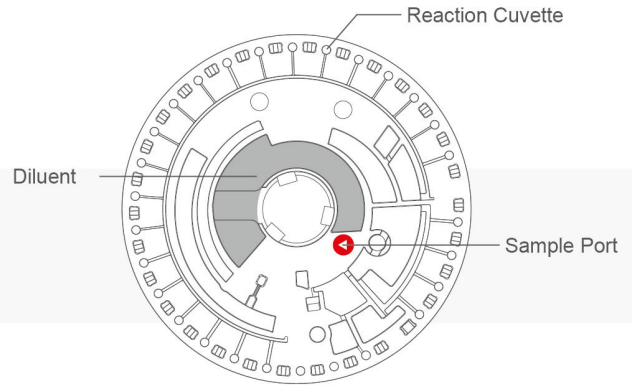


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# Celercare cM5 Reagent Discs



- General Chemistry I  
Lyophilized Kit
- Clinical Emergency  
Lyophilized Kit
- Renal Function Panel  
Lyophilized Kit
- Liver Function Panel  
Lyophilized Kit
- Myocardial Enzyme Panel  
Lyophilized Kit
- Electrolyte Panel  
Lyophilized Kit
- Glucose and Lipid Panel  
Lyophilized Kit
- GLU & Lipid & HCY Panel  
Lyophilized Kit
- General Chemistry II  
Lyophilized Kit
- Liver and Renal Function  
Lyophilized Kit
- Ammonia Panel  
Lyophilized Kit
- General Chemistry IV  
Lyophilized Kit

TP	TP			TP						TP		TP
ALB	ALB		ALB	ALB						ALB		ALB
GLO*	GLO*			GLO*						GLO*		GLO*
A/G*	A/G*			A/G*						A/G*		A/G*
ALT	ALT			ALT						ALT		ALT
AST	AST	AST		AST	AST					AST		AST
GGT				GGT						GGT		GGT
ALP				ALP								ALP
TBIL	TBIL			TBIL						TBIL		TBIL
DBIL	DBIL			DBIL								DBIL
IBIL*	IBIL*			IBIL*								IBIL*
UA	UA	UA	UA									UA
CRE	CRE	CRE	CRE					CRE	CRE			CRE
UREA	UREA		UREA					UREA	UREA			UREA
CK		CK			CK							
CK-MB		CK-MB			CK-MB							
LDH		LDH			LDH							
α-HBDH		α-HBDH			α-HBDH							
AMY		AMY							AMY			
GLU	GLU	GLU				GLU	GLU	GLU	GLU			GLU
GSP						GSP						
HCY							HCY					
TG	TG					TG	TG					TG
CHOL	CHOL					CHOL	CHOL					CHOL
HDL-C	HDL-C					HDL-C	HDL-C					HDL-C
LDL-C*	LDL-C*					LDL-C*	LDL-C*					LDL-C*
K <sup>+</sup>		K <sup>+</sup>				K <sup>+</sup>			K <sup>+</sup>			
Na <sup>+</sup>		Na <sup>+</sup>				Na <sup>+</sup>			Na <sup>+</sup>			
Cl <sup>-</sup>		Cl <sup>-</sup>				Cl <sup>-</sup>			Cl <sup>-</sup>			
Ca <sup>2+</sup>			Ca <sup>2+</sup>			Ca <sup>2+</sup>						
P			P			P						
Mg <sup>2+</sup>						Mg <sup>2+</sup>						
CO <sub>2</sub>		CO <sub>2</sub>	CO <sub>2</sub>			CO <sub>2</sub>			CO <sub>2</sub>			
NH <sub>3</sub>											NH <sub>3</sub>	

\* Calculated test value

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