



Xenon light source



Microfluidic Reagent Rotor

7 minutes

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

MNCHIP - Clinical Chemistry⁺ - Celercare[®] 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).

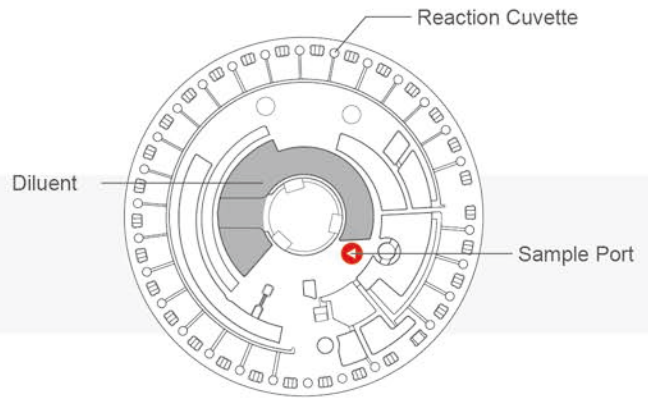
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Celercare cM5 Reagent Discs



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 ⁺		K ⁺				K ⁺			K ⁺			
Na ⁺		Na ⁺				Na ⁺			Na ⁺			
Cl ⁻		Cl ⁻				Cl ⁻			Cl ⁻			
Ca ²⁺			Ca ²⁺			Ca ²⁺						
P			P			P						
Mg ²⁺						Mg ²⁺						
CO ₂		CO ₂	CO ₂			CO ₂			CO ₂			
NH ₃												NH ₃

* Calculated test value

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