



Total Solution of Coagulation and Chemistry



About US

Zhejiang Pushkang Biotechnology Co., Ltd, founded in 2014 by Dr.Yu Bo, is a high tech enterprise specialized in R&D, Production and Promotion for IVD product. With the core technology platform of Centrifugal microfluidics, Pushkang had successfully developed POCT products for Coagulation, Biochemistry, CLIA and Molecular tests, etc. All products had been approved by CE and NMPA under ISO13485.

Adhering to the mission of " Accessible health testing at your side ", Pushkang is committed to providing comprehensive, cutting-edge and easy to use microfluidic technology products for medical institutions, different level hospitals, emergency department, clinical department, mobile clinics, etc.

Our mission

Accessible health testing at your side

Our vision

Create a new model of IVD, promote the development of medical industry.

Our goal

Taking advantage of world-leading microfluidic technology, Pushkang is committed to providing comprehensive, cutting-edge and easy to used microfluidic technology products for medical institutions, different level hospitals, emergency department, clinical department, mobile clinics, etc.

Microfluidics technology platform

Centrifugal microfluidics technology

Whole blood sampling

Internal centrifuge

Quantitative distribution

Plasma reaction



Coagulation and Chemistry Analyzer

MSC100V coagulation and chemistry combo



- > Coagulation and biochemistry test 2-in-1
- > Dual-tray analyzer, easy to operation
- > Whole blood sample, standard addition
- > Lyophilized reagent pre-packaged design
- > Fast, accurate, portable



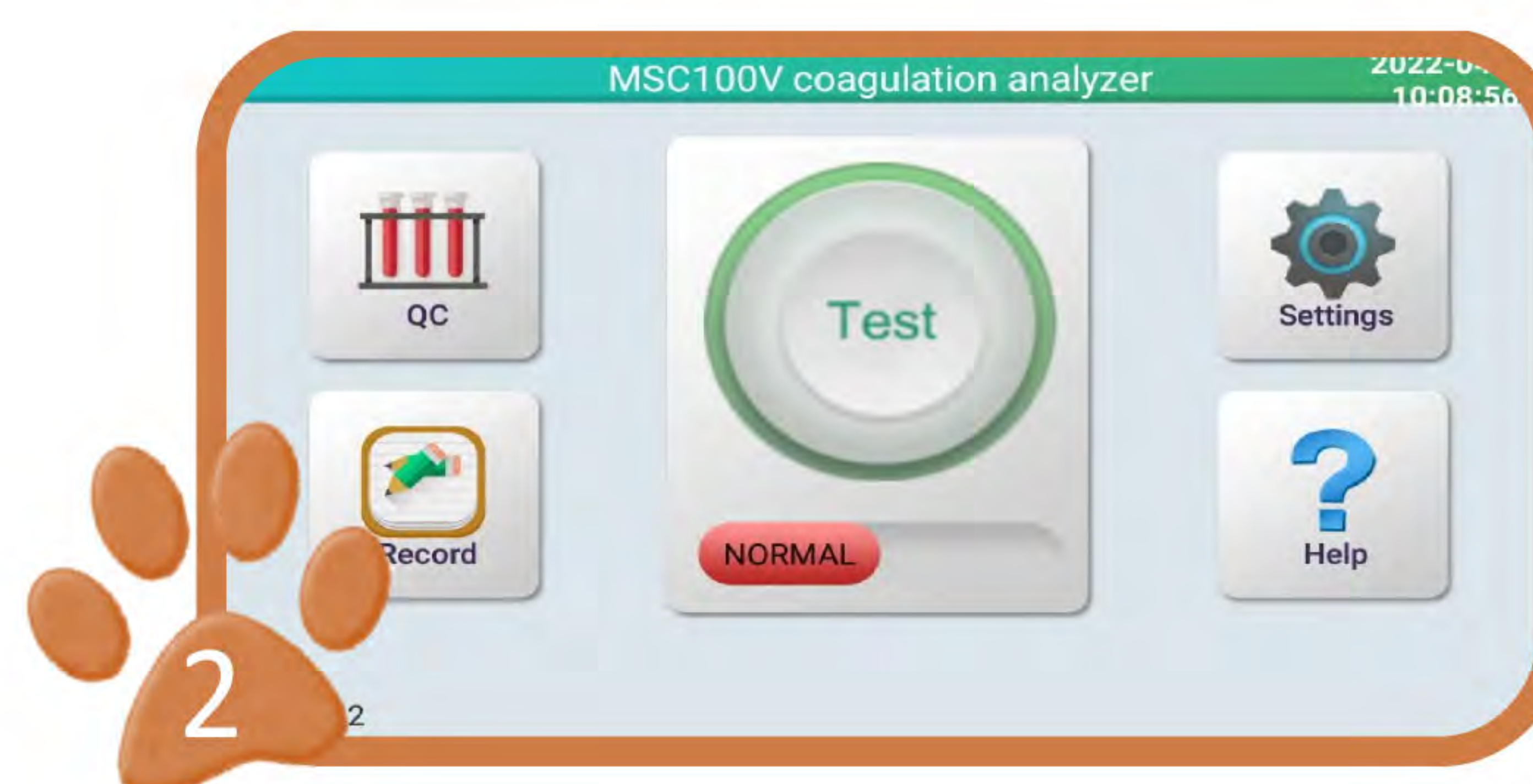
Specifications

Test principle:	Photoelectric colorimetry
Reagent:	Centrifugal microfluidic disc
Sample type:	Whole Blood, serum, plasma
Test time:	12 min
Code identification:	QR code
Sample volume:	140 μ L/ 180 μ L
Screen size:	5.0 inch with color touch screen
Supply voltage:	AC 100V-240V, 50-60HZ
Operating system:	Android, supporting LIS/HIS
Size:	270mm*180mm*155mm
Weight:	3.0KG

3-step Operation



Add sample and dilution solution



Click "start"



Report in 12 min

Chemistry Analyzer

MS200V chemistry analyzer



- > Intelligent analyzer, easy to operation
- > Whole blood testing, standard addition
- > Lyophilized reagent disc, long-term storage
- > Compact and portable



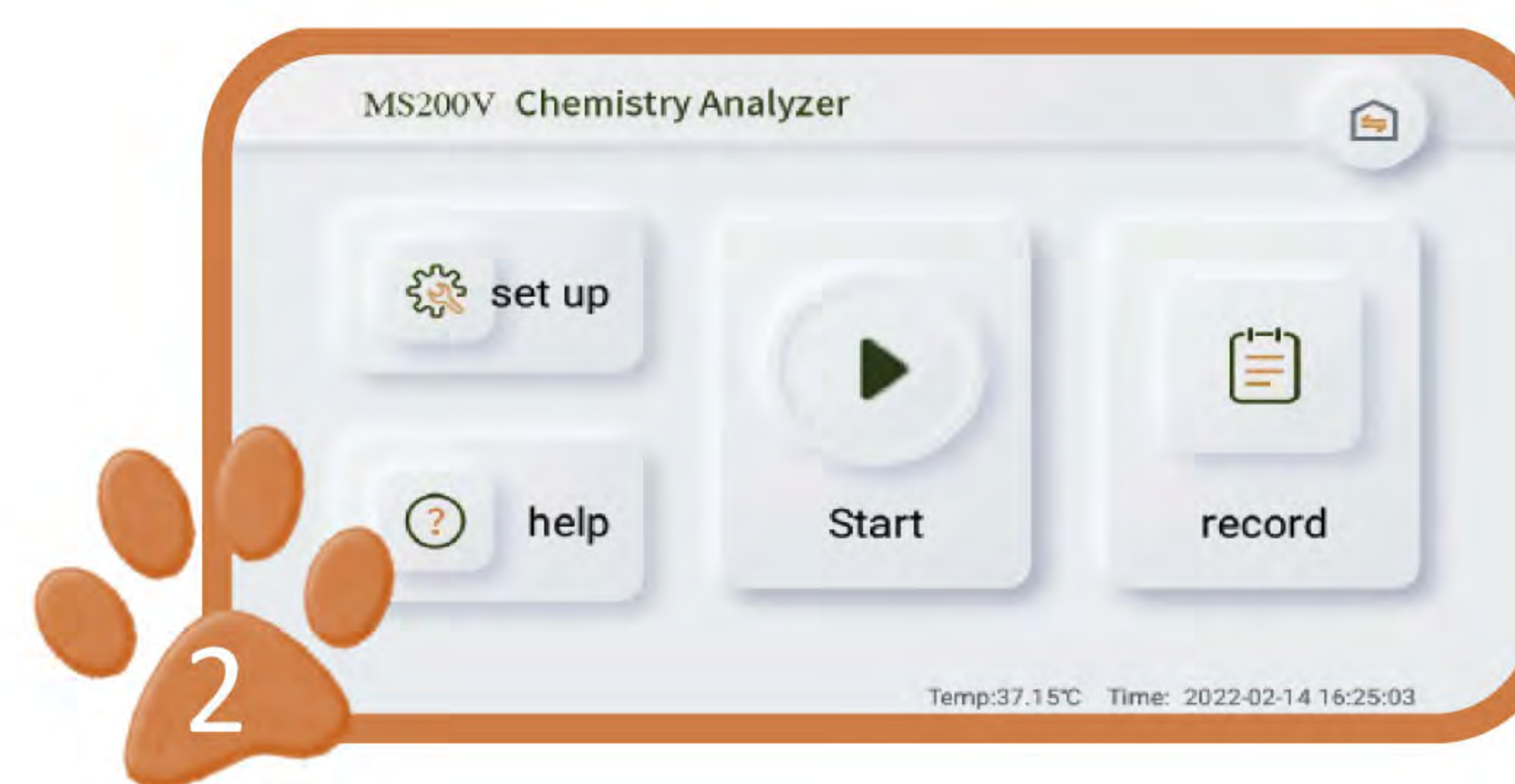
Specifications

Test principle:	Photoelectric colorimetry
Reagent:	Centrifugal microfluidic disc
Sample type:	Whole Blood, serum, plasma
Test time:	12 min
Code identification:	QR code
Sample volume:	140 μ L
Screen size:	7.0 inch with color touch screen
Supply voltage:	AC 100V-240V, 50-60HZ
Operating system:	Android, supporting LIS/HIS
Size:	210mm*250mm*310mm
Weight:	9.5KG

3-step Operation



Add sample



Click "start"



Report in 12 min

Test Menu

Test items



Analyte	Veterinary Electrolyte 7	Veterinary Liver Function 11	Veterinary Health Check 16	Veterinary Kidney 7	Veterinary Preoperative Diagnosis 9	Veterinary Intensive Care 9	Veterinary General Chemistry 23	Veterinary Liver Function 17	Veterinary Liver and Kidney 13	Veterinary Preoperative Diagnosis 15	Veterinary Canine Inflammation 6	Veterinary Diabetes 4	Veterinary Coagulation 4	Veterinary Coagulation 2
TP		●	●		●		●	●	●	●				
ALB		●	●	●			●	●	●	●				
ALT		●	●		●	●	●	●	●	●				
AST		●			●		●	●	●	●				
ALP		●	●				●	●		●				
Ca ²⁺	●		●	●			●							
TC			●				●	●				●		
TBA							●	●						
TBIL		●	●				●	●	●					
CK			●		●		●	●	●	●				
AMY			●				●				●			
DBIL		●					●	●						
TG								●				●		
GGT		●					●	●	●					
CREA			●	●	●	●	●			●	●			
PHOS	●		●	●			●							
tCO ₂	●			●		●	●							
Mg ²⁺	●													
UREA			●	●	●	●	●		●	●	●			
K ⁺	●					●								
Na ⁺	●					●								
Cl ⁻	●					●								
GLU			●		●	●	●		●	●		●		
CK-MB										●				
LDH					●			●		●				
LPS											●			
CRP											●			
FRU (GSP)												●		
*GLO		●	●				●	●	●	●				
*ALB/GLB		●	●				●	●	●	●				
*AST/ALT							●	●	●	●				
*UREA/CRE			●	●	●	●	●		●	●	●			
*IBIL		●					●	●						
PT/*INR													●	●
APTT													●	●
FIB													●	
TT													●	

*Calculated

*Coagulation 4, Coagulation 2 only applied to MSC100V

Application Scenarios

Multi-scenario applications



Research Institute



University Labs



Pet Hospital



Zoo



Hospital Labs





Accessible health testing at your side



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