

SelexOn™

POC Immunoassay System

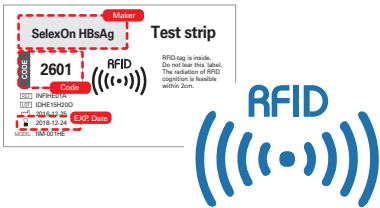


SelexOn™ System Description



SelexOn™ POC Immunoassay device for use in professional settings

The SelexOn™ system conveniently measures more than 30 cardiac, cancer, thyroid and infection markers. Small and lightweight, SelexOn™ is a unique device, designed with accuracy and ease of use in mind.



Simple and Convenient

The RFID tag on test strip packaging is instantly recognized by the analyzer before first use. The RFID system automatically captures batch, lot number and expiration date through the RFID tag.



Diverse Testing

SelexOn™ analyzes over 30 different strips for diverse testing in Cardiac, Cancer, Thyroid and Infectious diseases.



Multi-tasking

Multi-strips enable measurement of multiple markers in one test, facilitating clinically significant diagnostics in a fraction of the time needed for single tests.

- Triple: Myoglobin, CK-MB, Troponin I
- Cardio-3: BNP, CK-MB, Troponin I
- Hepa-Tri: HBsAg, HBeAg, HCV

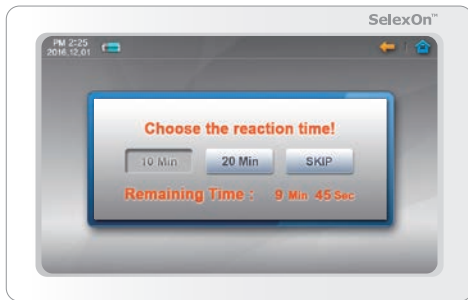
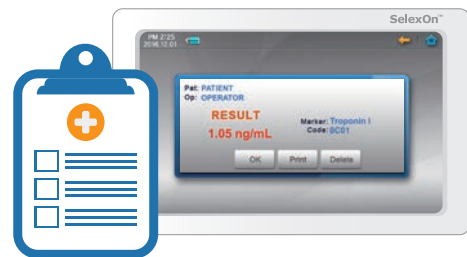


Portable and Non-Stop

On a full charge, SelexOn™ rechargeable battery powers 8 hours of continuous use with no plugging in, nor interruptions.

Accuracy and Reliability

On-screen display of definitive results ensures more accurate reporting, versus rapid test strips.



Quick and Productive

Needing just 10 minutes for a Quantitative test, and 20 minutes for Qualitative, SelexOn™ can complete up to 100 tests per hour.

Simple Storage and Stability

SelexOn™ strips can be stored at room temperature between 2°C and 30°C. No refrigeration needed.



Flexible Data Management

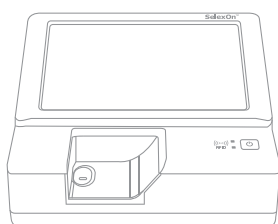
SelexOn™ can save 1000 test results automatically and export measurement data to a PC, using the SelexOn™ software interface, for flexible data management.

SelexOn™ Product List

Class	Items	Specimen	Volume	Time	Measurement Range	Reference Value	Certification
Cardiac	Myoglobin	WB	100µl	10min	50~600ng/mL	<100ng/mL	CE
	CK-MB	WB	100µl	10min	3~40ng/mL	<7ng/mL	CE
	Troponin I	WB	100µl	10min	0.05~10ng/mL	<0.5ng/mL	CE
	BNP	WB	100µl	10min	0.05~2ng/mL	<0.1ng/mL	CE
	hs-CRP	WB	10µl (D)	10min	0.5~10mg/L	<3mg/L	CE
	D-dimer	WB	100µl	10min	100~3000ng/mL	<500ng/mL	CE
	Triple	WB	250µl	10min	Myoglobin, CK-MB, TnI		CE
Cancer	Cardio-3	WB	250µl	10min	BNP, CK-MB, TnI		-
	AFP	WB	100µl	10min	5~50ng/mL	<10ng/mL	CE
	CEA	WB	100µl	10min	1~30ng/mL	<7ng/mL	CE
	PSA	WB	100µl	10min	2~30ng/mL	<4ng/mL	CE
Thyroid	freePSA	WB	100µl	10min	0.5~10ng/mL	<1ng/mL	CE
	TSH	WB	100µl	10min	0.2~50mIU/L	<0.5mIU/L: Hyperthyroidism 0.5~5mIU/L: Normal >5mIU/L: Hypothyroidism	CE
Hepatitis	T4	WB	100µl	10min	3~20µg/dL	4.5~12µg/dL	CE
	HBsAg	WB/S/P	100µl (D)	20min	Positive or Negative		-
	HBeAg	WB/S/P	100µl (D)	20min	Positive or Negative		-
	Anti-HBs	S/P	100µl	20min	Positive or Negative		-
	HCV	WB/S/P	100µl (D)	20min	Positive or Negative		-
Malaria	Hepa-Tri	WB/S/P	100µl (D)	20min	HBsAg, HBeAg, HCV		-
	Malaria Ag P.f	WB/CB	5µl	20min	Positive or Negative		CE
STD	Malaria Ag P.f/Pan	WB/CB	5µl	20min	Positive or Negative		CE
	Syphilis	WB/S/P	20µl	20min	Positive or Negative		CE
Influenza	Influenza A&B	N. Swab	-	10min	Positive or Negative		-
Pregnancy	hCG	WB	100µl	10min	2~500mIU/ml	<25mIU/mL	-
Diabetes	C-peptide	WB/CB	100µl	10min	0.2~15ng/mL	0.5~2.2ng/mL	CE
	Insulin	WB/CB	100µl	10min	10~150mIU/L	5~25mIU/L	CE
Infection	CRP	WB	5µl (D)	10min	5~200mg/L	<10mg/L	CE

WB=Whole Blood, CB=Capillary Blood, S=Serum, P=Plasma, D=Dilution needed

Specifications



Sample Type	Venous whole blood (EDTA – treated for anticoagulation)
Marker Recognition	RFID
Test Mode	Patient Test mode: 10 minutes/test Quick Test mode: Up to 100 tests/hour
Memory	1000 results
Dimensions & Weight	Meter: 16.8 X 19 X 9.5 (cm), 0.8 kg Strip: 3 X 9.8 X 0.6 (cm), 8.7g
Power Source	DC 9V/3A
Operational Temperature	18 ~ 32°C (64 ~ 90°F)
Storage Temperature	Meter: 2~35°C(36~95°F) Strip: 2 ~ 30°C (36 ~ 86°F)
Humidity	10 ~ 85%
Patient & Operator ID input	By touch key pad, barcode reader
Optional Device	Thermal Printer, Barcode Reader, Battery (8.4V / 4400mAh), Data Cable