

SELEX ON

SelexOn™

Immuno Diagnosis Measuring System for professional use



- RFID Registration (Add markers)
- Easy-to-use Point of care testing device
- Accurate test result, in comparison to existing fully automatic analyzers
- Multiple biomarker assays (Cancer, Cardiac and Thyroid disease, etc.)
- Quick test mode (Quick measuring time : 6sec.)



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SelexOn™ is a multi-functional instrument to read results in vitro immunodiagnostic assay. This is for use in alternative site point-of-care or central laboratory settings. Its reader is an instrument to quantify concentration of various kinds of bio-markers in blood.

Cancer	AFP-liver cancer, PSA-prostate cancer, CEA-large intestine cancer
Cardiac disease	CK-MB, Myoglobin, D-dimer, Troponin I, hs-CRP
Thyroid disease	Thyroid Stimulating Hormone (TSH)
To be launched soon	Free PSA, Malaria(P.f, P.v, P.f/P.v), BNP, HBsAg, Anti-HBs, HCV, Dengue, Triple (Troponin-I, CK-MB, Myoglobin)

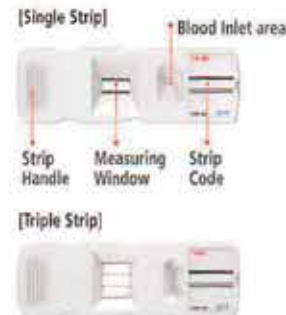
The test contains two monoclonal antibodies specific to analyte. The antibodies form a sandwich complex with the analyte in the blood. Following removal of erythrocytes from the sample, plasma passes through the detection zone in which the gold-labelled analyte sandwich complexes and the positive signal is displayed as a reddish line (the test line). Excess gold-labelled antibodies accumulate along the control line, signaling that the test was valid. The intensity of the test line increases in proportion to the analyte concentration. The optical system of the SelexOn™ instrument detects the two lines and measures the intensity of the test line. The integrated software converts the signal intensity to a quantitative result and showed it in the display.

Description

• Meter



• Strip



Full Package

SelexOn Meter, User's Manual, External Power Adapter, Fan Filter, Standard Strip

Specification

Sample Type	Anticoagulant-treated (EDTA-treated) venous whole blood
Sample Volume	100 μ l
Measurement Range	Refer to the strip manual.
Number of Stored Results	2000 results
Power Source	DC 9V / 3A
Dimensions / Weight	168 x 190 x 95(mm) / 0.8kg
Storage Temperature	Meter : 10-35 $^{\circ}$ C (50-95 $^{\circ}$ F) Strip : 2-30 $^{\circ}$ C (36-86 $^{\circ}$ F)
Operational Temperature	18 - 32 $^{\circ}$ C (64 - 90 $^{\circ}$ F)
Humidity	10% - 85%
Peripheral Devices	Thermal Printer Barcode Scanner Battery (7.4V / 4400mAh) Data Cable