

ITC ProTime[®]

Roche CoaguChek[®] XS

ProTime Advantage

TECHNOLOGY			
Detection method	Blood is actively pumped through the channels of the cuvette simulating the characteristics of the human capillary system, endpoint is mechanical clot detection	Electrochemical measurement	Clot formation has been designed to mimic blood flow characteristics of the human circulatory system
Measuring range (INR)	0.8 - 9.9	0.8 - 8.0	Wider reportable range
Hematocrit range	20 - 60%	25 - 55%	Wider hematocrit range
QUALITY CONTROL			
Lot code entry	No coding necessary. Lot code built into barcode on each cuvette	Yes, code chip calibration required	No coding required eliminates risk of incorrect result due to wrong code and saves time
On-board QC	Level 1 and Level 2 controls run with each test. QC channels use the same blood, the same reagent and the same measuring units as the patient sample	On-board single-channel control to check strip integrity	QC and patient sample are being tested and measured under the same conditions. Confidence in the accuracy of the result
External QC	Available if needed but not necessary because of on-board controls	No	Convenient if required locally
SAMPLING			
Sample collection	Off-meter sample collection	On-meter sampling	Minimizes coordination problems and cross-contamination issues
Collection device	Convenient and safe 2-in-1 fingerstick and sample collection device included with every test	Must purchase lancet	Saves money, all inclusive. Retractable blade provides safety against accidental sticks
Time to apply sample	Up to 2 minutes	Within 15 seconds	No need to rush sample collection
CONNECTIVITY			
Stores PID/OID	Yes	No	Reduces transcription errors
HL7 and ASTM compatible with JavaLin 300 interface	Yes	No	EMR and LIS ready
Auto-send results to computer, LIS or printer	Yes	No	Convenient, reduces transcription errors, saves time
PACKAGING			
Cuvette choice	ProTime 3-channel or 5-channel	One strip type only	Your choice. ProTime 3-channel offers same level of accuracy and reliability with single channel testing while ProTime 5-channel offers triplicate testing
Cuvette open pouch stability	16 hours	10 minutes	Convenient, reliable. no wasted reagent
AC adapter/charger	Yes	No	Convenient for large, busy clinics
Battery	Rechargeable and customer replaceable	4 AAA batteries	Saves time and money. No need to purchase batteries on a routine basis

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JavaLin 300 provided by Dawning[®] Technologies, Inc.