

**ITC ProTime<sup>®</sup>**

**Roche CoaguChek<sup>®</sup> S**

**ProTime Advantage**

<b>TECHNOLOGY</b>			
	Blood is actively pumped through the channels of the cuvette simulating the characteristics of the human capillary system ~ mechanical clot detection	Blood is mixed with iron particles, as clot forms the particle movement slows down ~ mechanical clot formation end point	Clot formation has been designed to mimic blood flow characteristics of the human circulatory system
<b>Sensitive thromboplastin</b>	ISI = 1.0	ISI = 2.0	Highly sensitive thromboplastin as recommended by AHA, CAP and WHO
<b>Measuring range (INR)</b>	0.8 - 9.9	0.6 - 8.0	Wider reportable range
<b>Hematocrit range</b>	20 - 60%	32 - 52%	Wider hematocrit range
<b>QUALITY CONTROL</b>			
<b>Lot code entry</b>	No coding necessary. Lot code built into barcode on each cuvette	Yes, code chip calibration required with each lot	No coding required eliminates risk of incorrect result due to wrong code and saves time
<b>On-board QC</b>	Yes, Level 1 and Level 2 controls run with each test	Not available	Integrity of reagents checked with every patient sample. Saves time and money
<b>External QC</b>	Available if needed but not necessary because of on-board controls	Yes, must be run regularly since there are no on-board controls	Convenient if required locally
<b>SAMPLING</b>			
<b>Sample collection</b>	Off-meter sample collection	On-meter sampling	Enhanced safety, minimizes coordination and contamination
<b>Collection device</b>	Convenient and safe 2-in-1 fingerstick and sample collection device included with every test	Must purchase lancet and capillary transfer tube separately to hit "bulls-eye" with strip on meter	Saves money, all inclusive. Retractable blade provides safety against accidental sticks
<b>Available time to apply sample</b>	Up to 2 minutes	Within 15 seconds	No need to rush sample collection
<b>CONNECTIVITY</b>			
<b>Stores PID/OID</b>	Yes	No	Reduces transcription errors
<b>Auto-send results to computer or LIS</b>	Yes	No	Reduces transcription errors, saves time
<b>HL7 and ASTM compatible with JavaLin 300 interface</b>	Yes	No	EMR and LIS ready
<b>PACKAGING</b>			
<b>Cuvette choice</b>	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
<b>Cuvette open pouch stability</b>	16 hours	4 minutes	Convenient, no need to rush test or waste reagent
<b>Battery</b>	Rechargeable and customer replaceable	4 AA batteries	Saves time and money. No need to purchase batteries on a routine basis

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