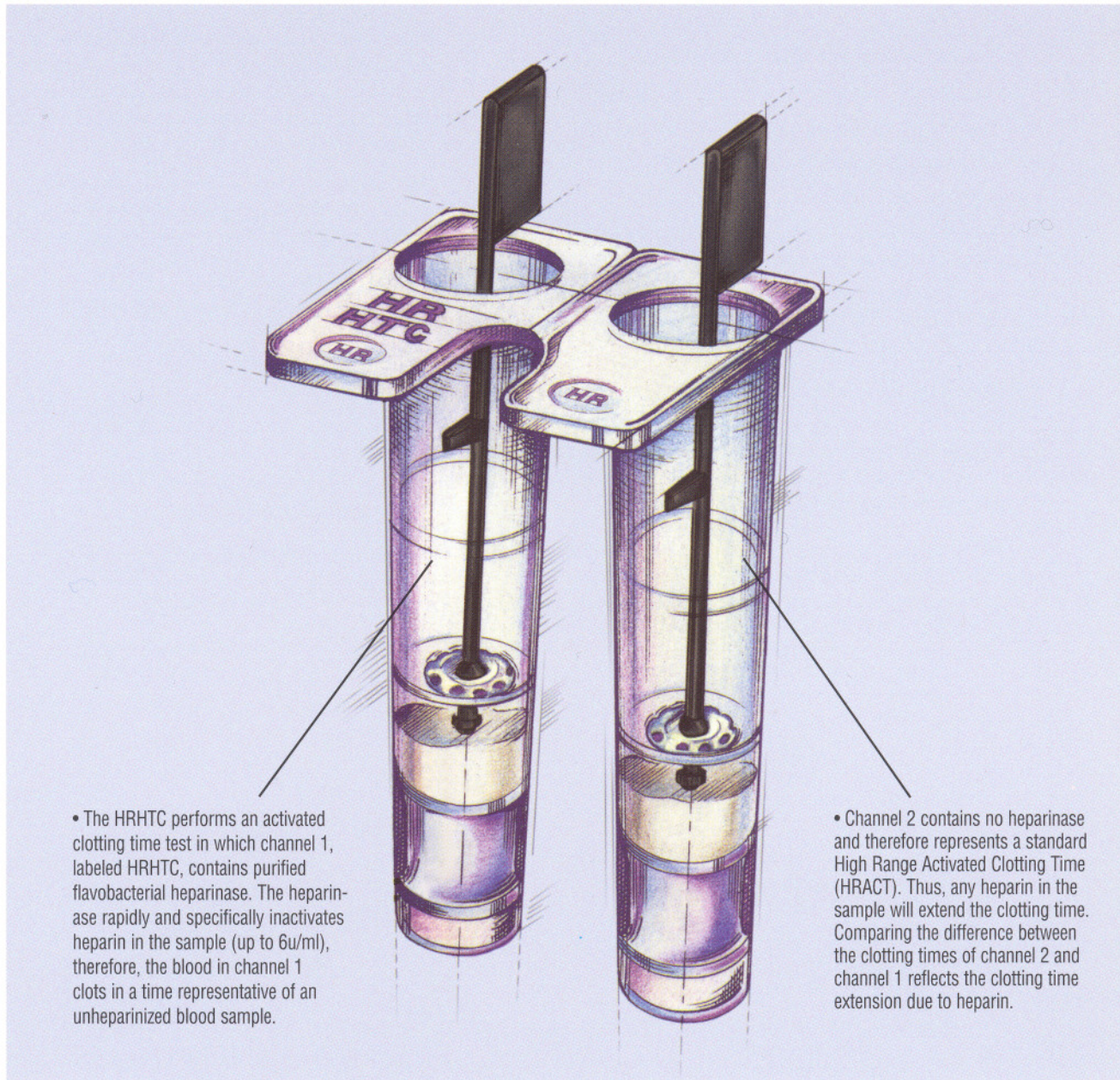




Medtronic

THE HIGH RANGE HEPARINASE TEST CARTRIDGE (HRHTC)



Now there's a test that monitors heparin effect and simultaneously determines if other variables are extending clotting time results

More Than Just An Activated Clotting Time Test

The Medtronic High Range Heparinase Test Cartridge (HRHTC), performed in the Automated Coagulation Timer (ACT®) and the ACT® II, allows you to identify the presence of heparin in a blood sample in the same amount of time it takes to perform a standard activated clotting time test.

Heparin, as well as other factors associated with invasive surgical procedures, will extend clotting times. The HRHTC allows you to eliminate the contribution of heparin and focus on other factors which may be contributing to extended clotting times. The HRHTC requires a small sample volume (less than 1cc) and provides STAT test results – no lengthy lab turnaround times.

The Heparinase Test Will Allow You To:

- determine the presence of presurgical heparin
- determine a baseline clotting time in the presence of heparin
- verify heparin reversal
- identify heparin rebound
- determine whether a clotting time extension is specifically caused by heparin or other factors
- determine the appropriate time to pull sheaths to assure patient safety

Four Simple Steps to Perform the Heparinase Test

1. Prewarm the cartridge in the ACT or ACT II for at least 3 minutes.
2. Gently tap the cartridge to resuspend the activator.
3. Inject the patient sample into the HR channel first followed by the HRHTC channel, filling to between the lines.
4. Place the cartridge in the instrument and start the test.

Respond with Confidence

Individual channel clotting times and the difference between the two individual clotting times – the “differential” – are displayed on the instrument’s front panel. The differential provides more information regarding heparin anticoagulation or reversal than an HRACT alone. The clotting time “differential” has been used to monitor anticoagulation post-angioplasty which has resulted in a reduction of major and minor bleeding incidences following coronary angioplasty.¹

Medtronic Blood Management manufactures a broad line of hemostasis management products used in cardiovascular surgery, cardiac catheterization, intensive care and dialysis units.

1. Pitney M.R., et al., Activated clotting time differential is a superior method of monitoring anticoagulation following coronary angioplasty, Catheterization and Cardiovascular Diagnosis 37:145-150, 1996.

ORDERING INFORMATION

The Heparinase Test Cartridges, or any of the other products, may be ordered by calling (800) 854-3570. For Technical or Clinical issues call (800) 525-7007 or (303) 840-4000.

The Heparinase Test Cartridges can be stored at room temperature (10° to 25° C) or refrigerated (2° to 10° C) and used before the expiration date indicated on the cartridge container.

Product	Catalog Number
Automated Coagulation Timer II	400-15
High Range Heparinase Test Cartridge	402-07
CLOTtrac® HR Coagulation Control	550-07
CLOTtrac® HTC Coagulation Control	550-12



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