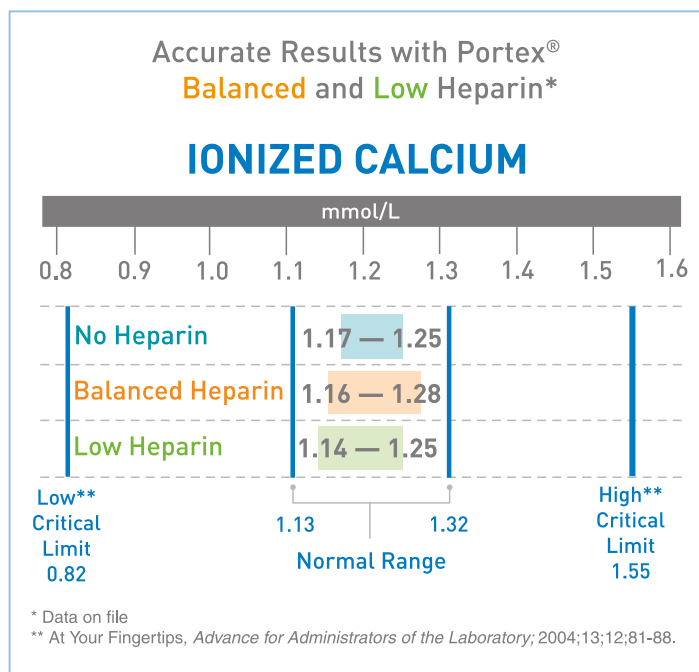


# OUR EXCLUSIVE HEPARIN STORY

Heparin is an important and key element of any arterial blood sampling syringe. We have dedicated many years of research to developing a heparin chemistry that makes multiple testing with smaller samples not only feasible, but also more accurate.



### SUPERIOR HEPARIN FORMULAS – CATALYSTS FOR THE HIGHEST LEVEL OF PERFORMANCE

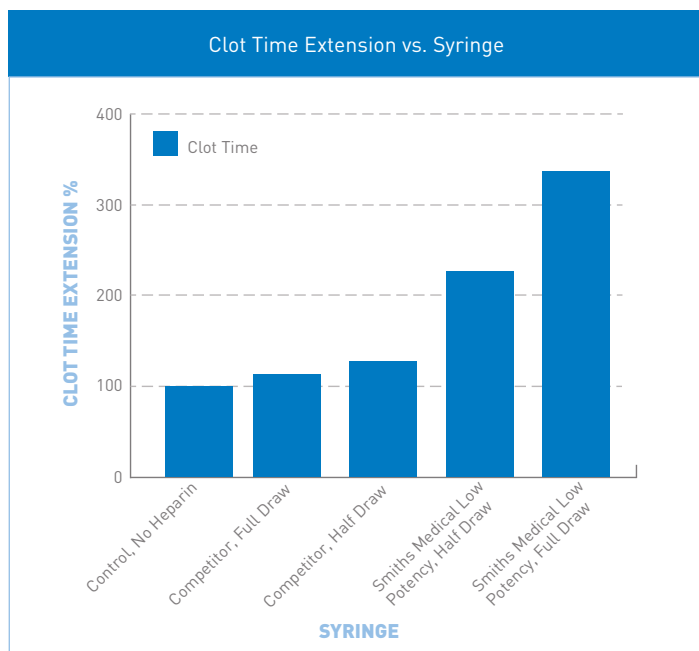
- Combines the necessary anticoagulant effect with heparin (provides minimal interference) for more accurate, more extensive testing from a single sample
- Electrode-friendly so you get higher performance reducing negative impact on analyzers
- Compatible with all commercial blood gas analyzers on the market

### MORE TESTS, MORE INDICATIONS, PRECISE MEASUREMENTS – ALL FROM A SINGLE SAMPLE

In addition to blood gases, our chemistry also allows for as many as eleven (11) distinct parameters that can be routinely tested with a single and much smaller arterial whole blood or serum sample:

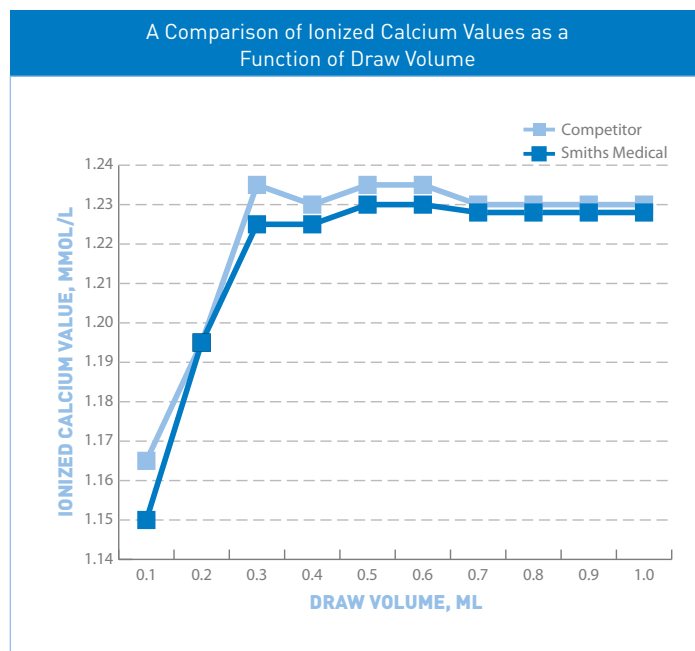
- Blood gases: pH, pCO<sub>2</sub>, pO<sub>2</sub>
- CO-Oximetry: tHb, O<sub>2</sub>Sat, COHb, MetHb
- Electrolytes: ionized calcium, ionized and total magnesium, sodium, potassium, chloride
- Metabolites: glucose, lactate

The chart illustrates the accuracy of the Portex® arterial blood sampling heparin for determination of ionized calcium using balanced lithium or non-balanced low unit (lithium) heparin as compared to a non-heparinized control syringe.



### ELECTROLYTE-BALANCED DRY LITHIUM HEPARIN

Provides the necessary anticoagulant effect (approximately 23.5 I.U. per mL) for more accurate measurements of vital respiratory, electrolytic and metabolic parameters. By prebinding the active sites of the heparin molecule, we ensure that more blood parameters are accessible for measurement.



Reduces clotting and dilution problems for blood samples as small as 0.80 mL for a 3 mL syringe and 0.25 mL for a 1 mL syringe. Allows clinicians to obtain the full range of blood gas, electrolyte and metabolite test results from one patient sample.

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