

# Quality Controls

## Safe-Wrap™ Combo Blood Collection Tubes

RNA Medical® Brand Safe-Wrap™ Blood Collection Tubes are heparinized glass capillary devices wrapped in a puncture-resistant film. The Mylar wrapping serves to minimize the risks associated with broken glass capillaries, including glass cuts and aerosol formation, by containing both the glass and the sample in the event of accidental breakage.

Part Number:	<b>CT095</b>
Material:	Mylar-wrapped glass
Coating:	Calcium-balanced lithium heparin
Volume:	65µL or 95µL

Part Number:	<b>CT220</b>
Material:	Mylar-wrapped glass
Coating:	Calcium-balanced lithium heparin
Volume:	55 µL, 110 µL, 165 µL, or 220 µL
Accessories:	EC220-End Caps for CT220

## Calibration Verification Materials

CVCs are assayed quality control materials used for confirming the calibration and linearity of a laboratory analyzer.

Part Number:	<b>CVC123</b>
Analytes:	pH, pCO <sub>2</sub> , pO <sub>2</sub> , Na <sup>+</sup> , K <sup>+</sup> , Cl <sup>-</sup> , Ca <sup>++</sup> , Mg <sup>++</sup> , Glucose, Lactate
Analyzers:	Various

Part Number:	<b>CVC223</b>
Analytes:	tHb, O <sub>2</sub> Hb, COHb, MetHb
Analyzers:	Various

Part Number:	<b>CVC9005</b>
Analytes:	Hematocrit (%)
Analyzers:	IRMA TRUpoint®

## Co-Oximetry Controls

QC 253 is an assayed quality control material used for monitoring the measurements of total hemoglobin and hemoglobin fractions on CO-Oximeter instrumentation. It provides an alternative for those needing a control that parallels the human physiologic range for tHb, O<sub>2</sub>Hb, and COHb. QC 253 is available in three (3) levels for monitoring analyzer performance at varying points within the clinical range.

Part Number:	<b>QC253</b>
Analytes:	tHb, O <sub>2</sub> Hb, COHb, MetHb, Vol O <sub>2</sub> (O <sub>2</sub> Ct), and RHB (HHb)
Instruments:	Various

## Hemoglobin Control for HemoCue®

QC HGB is an assayed quality control material for HemoCue analyzers. This control is a solution of stabilized human red cells and is available in 3 levels for monitoring analyzer performance at several points within the clinical range.

Part Number:	<b>QCHGB</b>
Analyte:	Hemoglobin (g/dL)
Instrument:	HemoCue® Hb 201+



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## Co-Oximetry • Blood Gas • Electrolyte Controls

CC 527 is an assayed quality control material used for monitoring the performance of blood gas, electrolyte, and CO-Ox instrumentation.

QC 463 is a quality control material that, once tonometered, is used for monitoring the performance of blood gas, electrolyte, metabolite, and CO-Oximeter instrumentation.

Part Number:	<b>CC527</b>
Analytes:	*pH, pCO <sub>2</sub> (mmHg and kPa), pO <sub>2</sub> (mmHg and kPa), Ca <sup>++</sup> , Na <sup>+</sup> , K <sup>+</sup> , Cl <sup>-</sup> , H <sup>+</sup> **tHb, O <sub>2</sub> Hb, COHb, MetHb
Instruments:	*IRMA TRUpoint **AVOX 4000, AVOX 1000E



## Blood Gas • Electrolyte Controls

The following QCs are assayed quality control materials used for monitoring the performance of blood gas, electrolyte, and in some cases metabolite and BUN (urea) instrumentation.

Part Number:	<b>QC623</b>
Analytes:	pH, pCO <sub>2</sub> , pO <sub>2</sub> , Na <sup>+</sup> , K <sup>+</sup> , Cl <sup>-</sup> , Ca <sup>++</sup>
Instruments:	Various



Part Number:	<b>QC823</b>
Analytes:	pH, pCO <sub>2</sub> , pO <sub>2</sub> , Na <sup>+</sup> , K <sup>+</sup> , Cl <sup>-</sup> , Ca <sup>++</sup> , Mg <sup>++</sup> , Glucose, Lactate, BUN (Urea)
Instruments:	Various



## Pre-treated Syringes for EQUILibrator®

RNA Medical® T310 Pre-Treated Syringes are 6 cc Monoject syringes and have been treated with a small amount of anti-foam to prevent excessive foaming. T310s are sold as boxes of 100 syringes and caps.

Part Number:	<b>T310</b>
Material:	6cc Monoject syringe pre-treated with antifoam
Instrument:	EQUILibrator® Tonometer
Accessories:	T311: syringe caps T320: calibrating syringe T330: blunt syringe needle



Analyte availability for all RNA products varies by instrument. Please verify with current product insert.

RNA Medical's PeerQC<sup>SM</sup> statistical program enables our customers to review their results in comparison with a peer group. PeerQC<sup>SM</sup> is a simple to use web-based application with error prevention technology (US Patent 7,027,931) that provides instantaneous peer reports while preventing data transcription errors. Web-based graphing for calibration verification controls eliminates manual data calculation and hand graphing. This service is available at no charge to RNA Medical customers.