

POC1112 pH, Venous (iSTAT)

BMC, FOX

Specimen Type

Whole Blood, Venous

Preferred Container

Heparin coated syringe or capillary or Green top tube (prefer Dark Green top tube)

Alternate Container

Unheparinized syringe for POC immediate testing only

Minimum Volume to Submit for Testing

2.0 mL Whole blood

Transportation Needs

Deliver to laboratory at room temperature within 30 minutes.

Do Not send through the pneumatic tube system

Causes for Rejection

Mislabeled or unlabeled specimen

Clotted specimen

Specimen not analyzed within 30 minutes at room temperature or 60 minutes on ice

Pneumatic tube transport of green top tubes or syringes

Specimen contaminated with Room Air (bubbles in syringe or uncapped)

Reference Values

Reference Ranges					
Analyte	Units	Population	Venous	Cord: Arterial or Venous	Capillary
pH	(none)	All populations	7.35-7.43	7.33-7.45	7.35-7.45

Critical Values							
Analyte	Units	Population	Arterial/ Capillary Low	Arterial/ Capillary High	Venous Low	Venous High	Cord: Arterial or Venous
pH	none	All	< 7.25	>7.60	<7.25	>7.60	<7.10

Available STAT

Yes

Methodology

Direct Potentiometry

CPT Code

82800