

POC1111 pH Arterial (iSTAT)

BMC, FOX

Specimen Type

Whole Blood, Arterial

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

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

Pneumatic tube transport of green top tubes or syringes

Reference Values

Arterial Reference Ranges					
Analyte	Units	Population	Reference Range	High Critical Value	Low Critical Value
pH	(none)	All Populations	7.33-7.45	> 7.60	< 7.25

Available STAT

Yes

Methodology

Direct Potentiometry

CPT Code

82800