



A Member of Cayuga Health System

Laboratory Technical Bulletin

Date: 04/21/22

Effective Date: 04/26/22

Title: Emergency Transfusion Protocol Lab Test Order Set

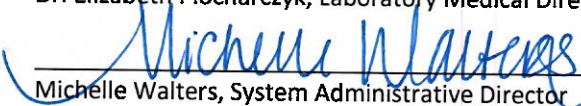
Test: Ionized Calcium

Explanation of change:

The rapid delivery of a balanced combination of blood components during massive transfusions can lead to citrate toxicity. In turn, this can cause hypocalcemia. In order to determine if treatment is necessary, a measurement of free calcium is needed. Therefore, an Ionized Calcium will now be included in the ETPA order set.

<i>Perform Site</i>	CMC
<i>Method</i>	Ion-selective electrodes
<i>Test Code</i>	ETPA
<i>Reference Range</i>	1.16-1.32 mmol/L
<i>Specimen</i>	Whole blood, Green Lithium Heparin. Sent on ice
<i>Volume Required</i>	4 ml, The tube must be full
<i>Stability</i>	30 minutes

 _____ Date 04/23/22
 Dr. Elizabeth Plocharczyk, Laboratory Medical Director

 _____ Date 4/25/22
 Michelle Walters, System Administrative Director

 _____ Date 4/25/22
 Stephanie Difasi, Blood Bank Supervisor