

BFH CRITICAL LAB VALUES

<i>Test</i>	<i>Critical Value</i>
Absolute Neutrophil Count	<1.0 x 10 ⁹ /L
Acetaminophen	≥40 ug/mL
Antibody Screen	Positive
aPTT	≥150 seconds
Bicarbonate (HCO ₃), Arterial Blood Gas	≤12 mmol/L or ≥40 mmol/L
Calcium	≤6.0 mg/dL or ≥12 mg/dL
Carboxyhemoglobin	>20.0%
CO ₂	≤9 mmol/L or ≥40 mmol/L
Ethyl Alcohol	≥400 mg/dL
Glucose	≤40 mg/dL or ≥500 mg/dL
Hematocrit	≤18% or ≥60%
Hemoglobin	≤6.0 g/dL or ≥20.0 g/dL
INR	>5.0
Lactate Whole Blood	>2.0 mmol/L
Lithium	≥1.5 mmol/L
Magnesium	≤1.2 mg/dL or ≥6.0 mg/dL
Methemoglobin	≥3.0 %
pCO ₂ (assume arterial)	≤20 mmHg or ≥70 mmHg
pCO ₂ , Venous Blood Gas	≤20 mmHg or ≥70 mmHg
pH (assume arterial)	≤7.2 or ≥7.6
pH, Venous	N/A
Phosphorus	≤1.0 mg/dL
Platelets	≤50 x 10 ⁹ /L or ≥1000 x 10 ⁹ /L
pO ₂ (assume arterial)	≤39 mmHg
Potassium	≤2.5 mmol/L or ≥6.4 mmol/L
Salicylate	≥40 mg/dL
Sodium	≤120 mmol/L or ≥160 mmol/L
TCO ₂ , Arterial	≤12 mmol/L or ≥40 mmol/L
Triglycerides	≥1000 mg/dL
Urine Ketones (infants under 6 mos old)	3+
Vancomycin, Random & Peak	≥80.0 ug/mL
Vancomycin, Trough	≥35.0 ug/mL
WBC	<1.5 x 10 ⁹ /L or >70 x10 ⁹ /L