Hemolysis, Icteria, Lipemia Interference

500

Beaumont

T Bilirubin

HEMOLYSIS	Cancel and request redraw at 500		
ABBOTT	Comment	Hemolysis Value	
Ammonia	CANCEL	50	
Iron	CANCEL	100	
Iron	Variable	50	
L.D.H.	INCREASED	50	
Potassium	INCREASED	50	
Protein, Total	INCREASED	50	
D. Bili	DECREASED	50	
Lactic Acid	INCREASED	100-199	
AST	INCREASED	100	
Magnesium	INCREASED	100	
Phosphorous	INCREASED	100	
Lactic Acid	CANCEL	200	
Acetaminophen	CANCEL	200	
Amylase	DECREASED	250	
CK	INCREASED	250	

For established in-vivo hemolysis or NICU (any age) or neonatal (<4 weeks) samples H index >500

DECREASED

ABBOTT Test	Comment
Sodium	
Potassium	INCREASED
Chloride	
CO2	
Glucose	
BUN	
Creatinine	
Calcium	
T. Bilirubin	DECREASED
Magnesium	INCREASED
Phosphorus	INCREASED
Transferrin	
LD	
Haptoglobin	
Albumin	
CRP	
Ferritin	

LIPEMIA	Sample will be airfuged at 200 EXCEPT LIPID Panels		
ABBOTT	Comment	Lipemia Value	
Magnesium	DECREASED	50	
Ammonia *	RESULT MAY BE COMPROMISED	100-199	
Calcium	DECREASED	125	
Urea	DECREASED	125	

* Ammonia: Immediately centrifuge to separate plasma from cells. On visual recognition of lipemia or lipemia index > or = 100, remove a plasma aliquot and airfuge (where available). Continue with approved dilutions as necessary to reduce interference (whether or not sample was airfuged). Add comment from table above and comment indicating the sample was airfuged (where appropriate).

ICTERUS		_
ABBOTT	Comment	Icterus Value
Iron	RESULT MAY BE COMPROMISED	2.5
Protein, Total	DECREASED	10
	Program Auto Dilution 1:1.85 Manually dilute X2 and program	
Ammonia	with dilution if needed to resolve	20 or absorbance error
Phosphorous	INCREASED	25
Creatinine	DECREASED	30