



## Hemolysis Interference Update

Date: December 28<sup>th</sup>, 2023

Effective Date: January 17<sup>th</sup>, 2024

Based on manufacturer defined limits and internal studies of the effect of hemolysis on certain analytes, UR Medical Laboratories will be updating the criteria at which test results will be canceled.

Depending on the level of hemolysis, specific test results will still be reported but with an “Interpret with caution” disclaimer. See table for details on the changes to begin January 17<sup>th</sup>, 2024.

Direct Bilirubin (serum and plasma) has age specific criteria for cancelation and/or comment.

	Current Hemolysis level* to cancel test	Hemolysis Level* with added interference comment “Interpret with caution”	Updated Hemolysis level* to cancel test
K	90	60	90-no change
AST	60	20	60-no change
LD	50	15	30
FOL	100	30	50
HAPTO	100	80	110
INSUL	100	20	60
Direct Bilirubin comment for < 365 days old	N/A	50 - “Due to hemolysis, the measured DB may appear lower than its true value”	200
Direct Bilirubin comment for < 365 days old	N/A	100 - “Due to hemolysis, the measured DB may appear significantly lower than its true value”	200
Direct Bilirubin comment for ≥ 365 days old	N/A	50 - “Due to hemolysis, the measured DB may appear lower than its true value”	100

\*Each Hemolysis level unit is approximately equivalent to one mg/dL of hemoglobin.

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