

MEMORANDUM

TO: Regional Medical Laboratory Clients

FROM: Lawrence Johnson, M.D., FCAP, FASCP, Chief of Hematology,
 Coagulation, Urinalysis, and Flow Cytometry
 Jennifer Starks, MT(ASCP), Section Manager

DATE: May 13, 2015

SUBJECT: DRVVT Profile Methodology Change

Test Name: Dilute Russell Viper Venom (DRVVT) Profile
Order Name: DRVVT PROF
Test Number: 1505975
CPT Code: 85613

On May 18, 2015, RML will change methodology for the Dilute Russell Viper Venom (DRVVT) Profile. We will begin using the DRVVT kit from Diagnostica Stago. This method is different from our previous method in the final results. Our previous method reflected final results in seconds; the Diagnostica Stago method reflects final results in a ratio.

DRVVT Screen Ratio = (screen clotting time of patient plasma/screen clotting time of normal plasma)
DRVVT Mix Ratio = (1:1 mix of patient and normal plasma clotting time/screen clotting time of normal plasma)
DRVVT Confirm Ratio = (confirm clotting time of patient plasma/confirm clotting time of normal plasma)
DRVVT Ratio = (Screen Ratio/Confirm Ratio)

When the Screen Ratio for the patient is greater than 1.20, the result is abnormal and indicates the need to perform the DRVVT Mix Ratio. When the DRVVT Mix Ratio for the patient is >1.20, the result is abnormal and indicates the need to perform a DRVVT Confirm Ratio and a Normalized Ratio calculation. The presence of a lupus anticoagulant in the sample is confirmed if the normalized ratio (DRVVT Ratio) value is greater than, or equal to 1.20.

In antiphospholipid syndrome, the persistence of a positive result must be demonstrated in a separate blood sample collected at least 12 weeks from the initial result.

Test Component	Test Number	Mnemonic	New Reference Range	Previous Reference Range
DRVVT Screen	1505900	DRVVT SCRIN	≤1.20 ratio	<44.4 seconds
DRVVT Mix Ratio	1507800	DRVVT MIX	≤1.20 ratio	<1.28 ratio
DRVVT Confirm Ratio	1507775	DRVVCONF		
DRVVT Ratio	1505925	DRVVCRATIO	<1.20 ratio	<1.28

If you have any questions regarding this change, please contact Dr. Lawrence Johnson at (918) 744-2553 or Jennifer Starks, MT (ASCP) at (918) 744-2500 or 1-800-722-8077 or email lrjohnson@sjmc.org or jennifer.starks@sjmc.org.