

TRAINING UPDATE

Lab Location: GEC, SGMC & WAH
Department: Core

Date Distributed: 5/14/2019
Due Date: 5/31/2019
Implementation: 6/1/2019

DESCRIPTION OF REVISION

Name of procedure:

Automated Stainer Differential Comparison and Stain Quality Log AG.F379.2

Hematology Differential Comparison and Manual Stain Quality Log AG.F36.5

Description of change(s):

Under the Diff Evaluation and Stain Quality columns, areas were shaded to clarify where those assessments should be recorded

- A. On the Manual Stain log -
- Compare the manual diff vs. the Sysmex diff (indicate S or U)
 - Then assess the stain quality (S or U)
- B. On the automated log –
- Compare the SP10 diff vs the Sysmex diff (S or U)
 - Compare the Wescor diff vs Sysmex diff (S or U)
 - Assess the stain quality for SP10 & Wescor (S or U for each)

On both logs, the platelet instructions were changed to standardize how to record the manual platelet smear using one of the following –

dec or adq or inc or clump
(refer to log for interpretation of abbreviation)

Updated logo.

These revised FORMS will be implemented on June 1, 2019

Document your compliance with this training update by taking the quiz in the MTS system.



Hematology Differential Comparison and Manual Stain Quality Log

- Germantown Emergency Center
- Shady Grove Medical Center
- Washington Adventist Hospital

Date	Tech	Sample	Source	Poly ± 10	Lym ± 10	IG ± 5	Mono ± 3	Eos ± 3	Baso ± 3	Plt see below	Diff Evaluation	Stain Quality
											S - satisfactory U - unsatisfactory	
			Sysmex XN									
			Manual									
			Difference							OK Not OK		
			Sysmex XN									
			Manual									
			Difference							OK Not OK		
			Sysmex XN									
			Manual									
			Difference							OK Not OK		
			Sysmex XN									
			Manual									
			Difference							OK Not OK		
			Sysmex XN									
			Manual									
			Difference							OK Not OK		
			Sysmex XN									
			Manual									
			Difference							OK Not OK		
			Sysmex XN									
			Manual									
			Difference							OK Not OK		
			Sysmex XN									
			Manual									
			Difference							OK Not OK		

Platelet Instructions: Record count from Sysmex XN. Indicate manual smear as **dec** (decreased), **adq** (adequate), **inc** (increased) or **clump** (clumped).

Criteria: Count <163= Decreased; Count 163 - 369 = Adequate; Count >369 =Increased; Clumped = plt clumps seen on smear

Circle OK or Not OK to evaluate the automated and manual comparison

Supervisor Review _____

Automated Stainer Differential Comparison and Stain Quality

- Shady Grove Medical Center
- Washington Adventist Hospital

Date	Tech	Sample	Source	Poly ± 10	Lym ± 10	IG ± 5	Mono ± 3	Eos ± 3	Baso ± 3	Plt see below	Diff Evaluation	Stain Quality
											S - satisfactory U - unsatisfactory	
			System XN									
			SP-10 ¹									
			Difference							OK Not OK		
			Wescor ²									
			Difference							OK Not OK		
			System XN									
			SP-10 ¹									
			Difference							OK Not OK		
			Wescor ²									
			Difference							OK Not OK		
			System XN									
			SP-10 ¹									
			Difference							OK Not OK		
			Wescor ²									
			Difference							OK Not OK		
			System XN									
			SP-10 ¹									
			Difference							OK Not OK		
			Wescor ²									
			Difference							OK Not OK		
			System XN									
			SP-10 ¹									
			Difference							OK Not OK		
			Wescor ²									
			Difference							OK Not OK		

¹ Slide stained on Sysmex SP-10, manual differential performed and compared to Sysmex XN automated diff

² Slide stained on Wescor, manual differential performed and compared to Sysmex XN automated diff

Platelet Instructions: Record count from Sysmex. Indicate SP-10 / Wescor manual smear as **dec** (decreased), **adq** (adequate), **inc** (increased) or **clump** (clumped).

Criteria: Count <163= Decreased; Count 163 - 369 = Adequate; Count >369 =Increased; Clumped = plt clumps seen on smear

Circle OK or Not OK to evaluate the automated and manual comparison for each stainer

Supervisor Review _____