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ESR Autoverification Rules in Cerner PathNet

Introduction   All results generated from the interfaced Alcor iSED instrument for Erythrocyte Sedimentation Rate (ESR) cross to Cerner Millennium PathNet GenLab (GL), where auto-verification rules are applied.
Results within reportable ranges are transmitted to the Cerner Millennium PathNet GL module and verified without CLS intervention.

Scope   The autoverification rules in this document apply to laboratories that have opted and requested for Cerner autoverification to be turned on for the ESR analyzers.

Policy   Autoverification rules for ESR test results from Alcor iSED analyzer:

1. Results from the iSED analyzer will be auto released for any ESR result values that are:
   - within the Alcor iSED analyzer's measurement range, i.e., from 1 to 130, AND
   - without instrument flags present.

2. For any result outside the linearity range (<1 and >130),
   - Cerner will hold for verification of sample volume and result integrity.
   - CLS will rerun samples, preferably on a different instrument if available.
   - CLS will manually release results in Cerner ARE.

ESR Autoverification Rules in Cerner PathNet, Continued

Rule Testing and Expected Outcome

- Autoverification table for ESR results

Condition Status	Result Value /Range	Rule	Expected Outcome
Low linearity limit	<1	Low linear	The result is held, requires review and manual verification by CLS
Within iSED s measurement range	1 – 130	Auto release	The result is auto released with appropriate flagging
High linearity limit	>130	High linear	The result is held, requires review and manual verification by CLS

Rapid Suspension of Autoverification

In the event of a problem with the test methodology, analytic instrument, or autoverification program, follow the SCPMG-LIS-0083 Procedure on Turning Autoverification On and Off in Cerner PathNet.

Controlled Documents

The following controlled documents support this policy.
Locally approved versions will have different document numbers.

Document Number	Title
SCPMG-LIS-0083	Procedure Turning Autoverification On and Off in Cerner PathNet

Author(s)

- SCPMG Hematology Working Group
- Eleanor E. Callasan
- Julius Salomon

ESR Autoverification Rules in Cerner PathNet, Continued

Attachment A: *Annual Validation of ESR Autoverification Form*

Location: _____   Date: _____

Service Resource: _____   Performed by: _____

Accession Number	Result Value	Condition Status	Expected Outcome	Actual Outcome	Pass or Fail
	<1	Low Linear	The result is held, requires review and manual verification by CLS.		
		Within measurement range	The result is auto released with appropriate flagging.		
		Within measurement range	The result is auto released with appropriate flagging.		
		Within measurement range	The result is auto released with appropriate flagging.		
	>130	High Linear	The result is held, requires review and manual verification by CLS.		

Operations Director Review/Date: _____

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Signature Manifest

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ESR Autoverification Rules in Cerner PathNet

Operations Director Approval

Name/Signature	Title	Date	Meaning/Reason
Annaleah Raymond (Q741709)	Laboratory Operations Director	05 Nov 2023, 01:50:02 PM	Approved

Medical Director Approval

Name/Signature	Title	Date	Meaning/Reason
Mark Taira (P161328)	CLIA Director	08 Nov 2023, 10:11:30 PM	Approved