

ESR-Chex

Instrument/Serial Number - ESR-Auto Plus™ (1.2 ml)

Lab Acct Number: 00100
 SAMPLE LAB REPORT
 1234 MAIN STREET
 ANYTOWN, NE USA 68130

Lot Number 9082
 Instrument Number 166
 Shift 1

Report Date 07/01/2009
 Date Received 06/30/2009
 Date From 06/15/2009
 Date To 06/30/2009

Interpretive Comments

THIS PAGE CONTAINS GENERAL AND SPECIFIC NOTES RELATIVE TO THE DATA SUBMITTED BY YOUR LAB

REVIEWED BY: _____ DATE: _____

DUE DATE FOR NEXT DATA SUBMISSION: 08/1/2009

GENERAL REPORT:

This report separates data in the left and right columns to provide calculations for the current cycle submission, and cumulative calculations over the dating of the lot. On the first submission for each lot, the Current and Cumulative data will be the same. The CV may be large on some parameters due to the small numeric value, and/or the small number of significant digits reported. Any data that falls outside of your lab's 3 SD or is significantly different from the assay mean will be excluded from peer group calculations. Excluded values are listed on the following page and are highlighted with an asterisk (*) in the Customer Data section. Levey-Jennings graphs are also provided for selected parameters.

S.D.I. REPORT:

This report is a graphical presentation of your laboratory's data on the current lot. The S.D.I. allows you to inspect results from many different tests at the same time, without having to consider different units and the actual magnitude of the change in the units of the test. In general, any S.D.I. of 2.0 or greater deserves some attention because your method shows a systematic difference from the group. The S.D.I. report is provided for selected parameters.

HISTORICAL DATA COMPARISON REPORT:

This report is a chronological presentation of your laboratory's data over the last six submissions. These calculations assist you in complying with CLIA regulations for establishing your laboratory's means and ranges on controls. The 2 SD is provided for all levels and parameters reported over the last six submissions. The historical CV is provided to monitor your method and instrument's performance over multiple lots. The historical SD and CV are comprised of all data points submitted, including values outside of the group 3 SD. These values may differ slightly from your monthly reports.

STANDARD CALCULATIONS PROVIDED:

Mean	SD	CV = (SD ÷ Mean) x 100	S.D.I. = $\frac{\text{Your Mean} - \text{Peer Group Mean}}{\text{Peer Group SD}}$
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For a detailed explanation of the STATS[®] report format or more information regarding QC concepts, please visit Streck online at: <http://www.streck.com/services/stats.asp>

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DATA EXCLUDED FROM PEER GROUP MEAN:

No data excluded from calculations.

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General Report

Current Submission

Level 1 90821380

Cumulative Submissions

Number of Labs: 27

Total Number Of Labs: 52

Para-Meter	Assay Mean	Your Mean	Your SD	Your CV	Group Mean	Group N	Group SD	Group CV	S.D.I.	Your Mean	Your SD	Your CV	Group Mean	Group N	Group SD	Group CV	S.D.I.
ESR	9	9	1.15	12.37	10	819	2.53	25.67	-0.20	9	1.15	12.37	10	1536	2.34	23.98	-0.18

Current Submission

Level 2 90821381

Cumulative Submissions

Number of Labs: 27

Total Number Of Labs: 52

Para-Meter	Assay Mean	Your Mean	Your SD	Your CV	Group Mean	Group N	Group SD	Group CV	S.D.I.	Your Mean	Your SD	Your CV	Group Mean	Group N	Group SD	Group CV	S.D.I.
ESR	81	87	3.91	4.50	86	825	5.81	6.79	0.22	87	3.91	4.50	87	1536	6.37	7.31	-0.03

++CV's greater than 100 may be due to the small numeric value and the inability of the analyzer to report out results to more significant digits.

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Customer Data Submitted

Level 1 90821380

	ESR
06/25/2009	8
06/29/2009	10
06/30/2009	10

Level 2 90821381

	ESR
06/15/2009	84
06/16/2009	84
06/17/2009	91
06/18/2009	89
06/19/2009	85
06/22/2009	92
06/23/2009	86
06/24/2009	79
06/25/2009	91
06/29/2009	86
06/30/2009	89

ESR-Chex

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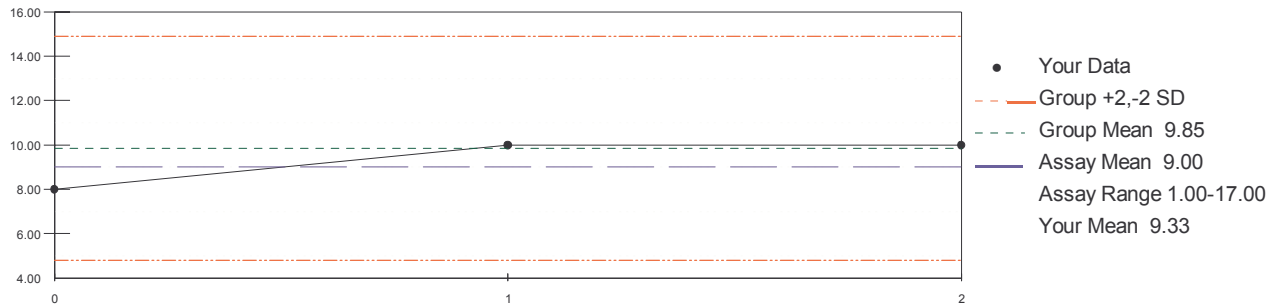
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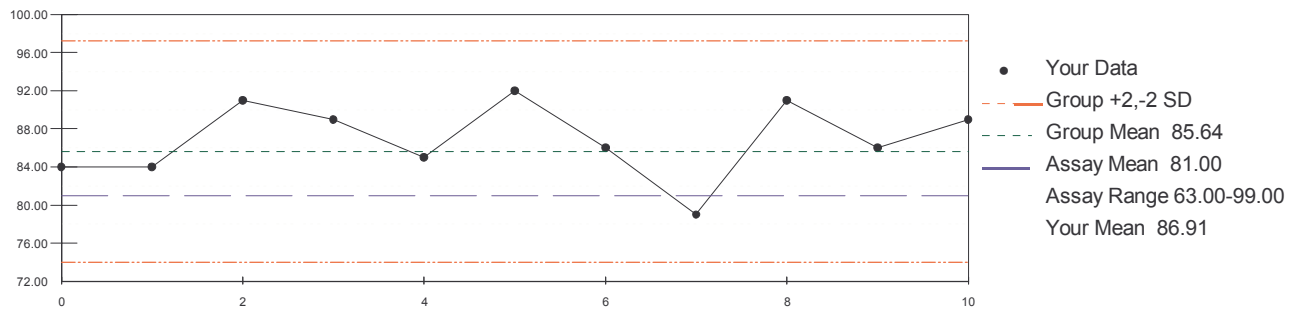
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Levey-Jennings Graphs

Level 1 ESR



Level 2 ESR



ESR-Chex

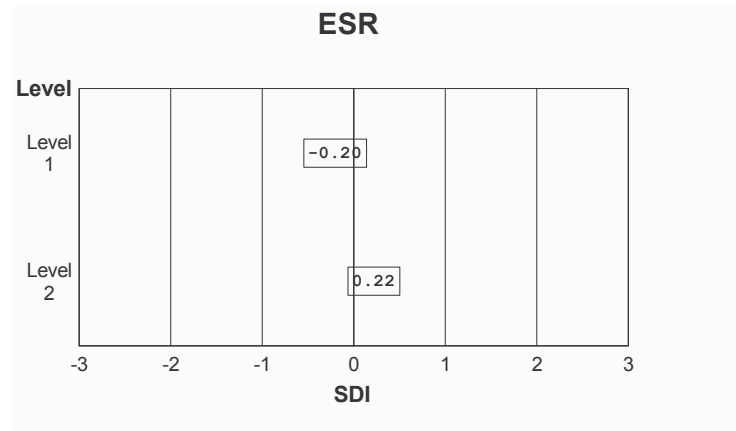
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S.D.I. Reports



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Historical Data Comparison Report - Last 6 Submissions

Level 1

Lot #'s	SD					Historical		CV				
	8252	8280	8364	9026	9082	SD	2 SD	8252	8280	8364	9026	9082
ESR	1.54	2.26	2.12	2.05	1.15	1.82	3.6	16.11	25.20	21.49	20.78	12.37

Level 2

Lot #'s	SD					Historical		CV				
	8252	8280	8364	9026	9082	SD	2 SD	8252	8280	8364	9026	9082
ESR	6.60	4.98	5.28	5.61	3.91	5.28	10.6	7.50	5.48	5.45	5.75	4.50