

+3 SD

+2 SD

+1 SD

X

-1 SD

-2 SD

-3 SD

*Optimizing
Effectiveness
of your QC
Program*

DAY

1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20: 21: 22: 23: 24: 25: 26: 27: 28: 29: 30: 31: 32: 33: 34:

+3 SD

+2 SD

+1 SD

X

-1 SD

-2 SD

-3 SD

“Even though every laboratory has to perform Quality Control, that hasn't made the task any simpler.”

Dr. James Westgard

+3 SD

+2 SD

+1 SD

X

-1 SD

-2 SD

-3 SD

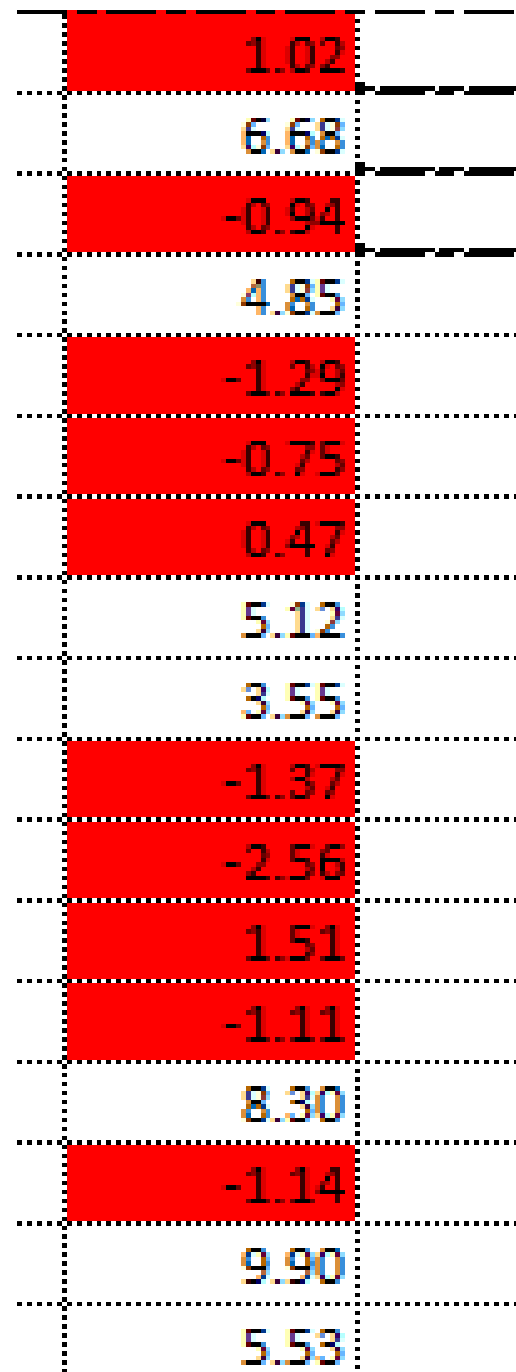
*You cannot
fix what
you do not
acknowledge*

DAY

1; 2; 3; 4; 5; 6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 23; 24; 25; 26; 27; 28; 29; 30; 31; 32; 33; 34;

Analyte	Control Sample	Units	Target Value	#	TEa%	TEa (in units) *	Mean	SD	TE (in units)	N	SEc	Sigma
Albumin	Normal	g/dl	44.00	2	25.00	11.00	44.80	1.10	2.62		7.62	9.27
Alkaline Phos	Normal	U/L	93.00	2	30.00	27.90	96.00	3.80	9.27		4.90	6.55
ALT	Normal	U/L	54.00	2	20.00	10.80	56.20	1.60	4.84		3.73	5.38
D.bili	Normal		16.10	2	20.00	3.22	16.35	0.27	0.70		9.35	11.00
Calcium	Normal		2.18	2	8.30	0.18	2.13	0.13	0.26		-0.64	1.01
Chloride	Normal		79.90	2	5.00	4.00	80.10	2.90	4.98		-0.34	1.31
Cholestr	Normal	mmol/L	2.44	2	10.00	0.24	2.42	0.08	0.15		1.15	2.80
creatinine	Normal		100.50	2	15.00	15.08	101.60	3.60	7.04		2.23	3.88
Potassium	Normal		3.76	2	12.30	0.46	3.90	0.09	0.29		1.93	3.58
T.protein	Normal	g/dl	63.10	2	10.00	6.31	65.60	12.90	23.79		-1.35	0.30
Sodium	Normal		120.00	2	3.10	3.72	123.90	2.40	7.86		-1.73	-0.08
Glucose	Normal	mmol/L	5.30	2	10.00	0.53	5.28	0.11	0.20		2.99	4.64
urea	Normal	mmol/L	6.46	2	9.00	0.58	6.44	0.23	0.40		0.79	2.44
Amly	Normal		86.10	2	30.00	25.83	86.40	2.40	4.26		8.99	10.64
AST	Normal	U/L	53.00	2	20.00	10.60	56.10	1.80	6.07		2.52	4.17
GGT	Normal	U/L	49.00	2	25.00	12.25	49.00	2.00	3.30		4.48	6.13
Lactate	Normal	mmol/l	1.55	2	20.00	0.31	1.58	0.05	0.11		3.95	5.60

WHITE is good
RED is bad



+3 SD

+2 SD

+1 SD

X

-1 SD

-2 SD

-3 SD

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Effectiveness
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DAY

1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20: 21: 22: 23: 24: 25: 26: 27: 28: 29: 30: 31: 32: 33: 34:

+3 SD

Tomorrow,

+2 SD

November 29th

+1 SD

11:35 - 12:35

X

-1 SD

Don't be afraid to

-2 SD

challenge your

-3 SD

misconceptions

DAY

1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17: 18: 19: 20: 21: 22: 23: 24: 25: 26: 27: 28: 29: 30: 31: 32: 33: 34:

Accurate Results

or

Wrong Results