

جدول خطای کل مجازتست ها

Allowable Total Error

Hematology

	Analyte	Biological Variation						
		CLIA	RCPA	riLiBAEK	CAP	CV%	Bias%	TEa%
B	Blood Lead	10%	-	-	10%	-	-	-
B	Hematocrit	6%	-	5%	-	1.35	1.74	3.97
B	Hemoglobin	7%	3%	4%	-	1.43	1.84	4.19
B	Hemoglobin A1C	-	5%	10%	-	0.9	1.5	3
B	MCH	-	-	-	-	0.7	1.35	2.5
B	MCHC	-	-	-	-	0.53	0.4	1.27
B	MCV	-	-	-	-	0.7	1.26	2.42
B	Platelet	25%	-	8.5%	-	4.6	5.9	13.4
P	PT	15%	-	11.5%	-	2	2	5.3
P	PTT	15%	-	10.5%	-	1.4	2.3	4.5
B	RBC Count	6%	-	4%	-	1.6	1.7	4.4
B	Reticulocyte Count	-	-	-	-	5.5	7.8	16.8
B	WBC Count	15%	-	6.5%	-	5.73	6.05	15.49
B	WBC diff	±3SD	-	-	-	-	-	-

Hormones

	Analyte	Biological Variation						
		CLIA	RCPA	riLiBAEK	CAP	CV%	Bias%	TEa%
S	17-OH Progesterone	-	25%	17%	±3SD	9.8	13.5	29.7
P	ACTH	-	10%	-	-	-	-	-
S	AFP	±3SD	20%	17%	±3SD	6.1	11.8	21.9
S	BHCG	±3SD	15%	14%	±3SD	-	-	-
S	BHCG Free	-	21%	-	-	-	-	-
S	CA 19.9	-	15%	-	-	7.98	32.87	46.03
S	CA125	-	20%	-	-	12.4	15	35.4
S	CA15.3	-	15%	16%	-	3.1	15.8	20.8
S	CEA	-	20%	14%	±3SD	6.4	14.3	24.7
S	Estradiol	-	20%	22%	-	11.25	8.3	26.86
S	Ferritin	-	15%	13.5%	±3SD	7.1	5.2	16.9
S	Free PSA	-	15%	-	-	-	-	-
S	Free Testosterone	-	-	-	-	4.7	-	-
S	FSH	-	20%	14%	±3SD	5.5	12.12	21.19
S	GH	-	20%	-	-	-	-	-
S	Inhibin-A	-	-	-	-	-	-	20
S	LH	-	20%	-	±3SD	11.5	8.94	27.92
S	PAPP-A	-	-	-	-	6.3	4.71	15.1
S	Prolactin	-	20%	-	±3SD	11.5	10.5	29.4
S	PSA	-	15%	15.5%	±3SD	9.1	18.7	33.6
S	PTH	-	25%	-	±3SD	13	8.8	30.2
S	T3	±3SD	15%	15%	±3SD	3.45	3.53	9.22
S	T3 Free	-	3pmol/l	13%	-	4	4.8	11.3
S	T3 uptake	±3SD	-	-	±3SD	-	-	5.3
S	T4	20%	15%	12.5%	20%	2.5	3	7
S	T4 Free	±3SD	15%	13%	±3SD	2.9	3.3	8
S	Testosterone	-	20%	20.5%	±3SD	4.63	5.98	14
S	TSH	±3SD	15%	13.5%	±3SD	9.7	7.8	23.7
S	UE3	-	20%	-	-	-	-	-

Biochemistry

	Analyte	Biological Variation						
		CLIA	RCPA	riLiBAEK	CAP	CV%	Bias%	TEa%
S	Albumin	10%	10%	12.5%	10%	1.6	1.43	4.07
U	Albumin	-	10%	15%	±3SD	18	16.4	46.1
S	ALP	30%	15%	11%	30%	3.23	6.72	12.04
S	Amylase	30%	15%	-	30%	4.4	7.4	14.6
S	Bilirubin Direct	-	20%	-	20%	18.4	14.2	44.5
S	Bilirubin Total	20%	10%	13%	20%	10.9	8.95	26.94
P	C protein	-	-	-	-	2.9	13.9	18.7
S	C3	±3SD	-	-	±3SD	2.6	4.1	8.4
S	C4	±3SD	-	-	±3SD	4.5	8.6	16
S	Calcium	1mg%	0.1mmol/l	6%	1mg%	1.05	0.82	2.55
U	Calcium 24h	-	0.2mmol/l	8.5%	31%	13.8	11.4	34.1
S	Calcium ionized	-	0.05mmol/l	7.5%	±3SD	0.9	0.6	2
S	Chloride	5%	3mmol/l	4.5%	5%	0.6	0.5	1.5
S	Cholesterol	10%	5%	7%	10%	2.98	4.1	9.01
S	CKMB	±3SD	15%	-	±3SD	3.5	10.8	16.5
S	CPK	30%	15%	11%	30%	11.4	11.5	30.3
S	Creatinine	15%	10%	11.5%	15%	2.98	3.96	8.87
U	Creatinine	-	10%	12%	17%	5.5	6.4	15.4
S	GGT	-	15%	11.5%	±3SD	6.7	11.06	22.2
S	Glucose	10%	10%	11%	10%	2.8	2.34	6.96
U	Glucose	-	10%	11%	10%	-	-	-
S	HDL-Cholesterol	30%	10%	-	30%	3.65	5.61	11.63
S	LDL-Cholesterol	-	-	-	20%	3.9	5.46	11.9
S	Iron	20%	5µmol/l	-	20%	13.3	8.8	30.7
S	LDH	20%	15%	9%	20%	4.3	4.3	11.4
S	Lipase	-	20%	-	30%	16.1	11.31	37.88
S	Lithium	20%	0.2mmol/l	6%	20%	-	-	-
S	Magnesium	25%	3mmol/l	7.5%	25%	1.8	1.8	4.8
S	Phosphorus	-	10%	9%	10.7%	4.08	3.38	10.2
U	Phosphorus 24h	-	2.5mmol/l	11.5%	23%	9	7.2	22.1
S	Potassium	0.5mmol/l	0.2mmol/l	4.5%	0.5mmol/l	2.3	1.81	5.61
U	Potassium	-	10%	8.5%	29%	12.2	8.2	28.4
S	Protein Total	10%	5g/l	6%	10%	1.38	1.36	3.63
S	SGOT (AST)	20%	15%	11.5%	20%	6.15	6.54	16.69
S	SGPT (ALT)	20%	15%	11.5%	20%	9.7	11.48	27.48
S	Sodium	4mmol/l	3mmol/l	3%	4mmol/l	0.3	0.23	0.73
U	Sodium 24h	-	10%	6.5%	26%	14.4	8.3	32
S	TIBC	-	10µmol/l	-	20%	-	-	-
S	Triglyceride	25%	10%	9%	25%	9.95	9.57	25.99
S	Urea	9%	10%	10.5%	9%	6.05	5.57	15.55
S	Uric Acid	17%	0.05mmol/l	7%	-	4.3	4.87	11.97
S	Vitamin B12	-	20%	-	±3SD	-	-	-
S	Vitamin D3	-	15%	-	-	-	-	-
S	Zinc	-	-	-	-	4.7	3.3	11