

LOT: 124201-242		Level 1 CONTROL			
EXP: 2014-11	Units	HTI Biochem SA	HTI FC-360	HTI FC-200	General Assay Range
Acid Phos	U/L	13.5 ± 2.7			13.5 ± 2.7
Albumin	g/dL	1.6 ± .3	2.0 ± .3	1.9 ± .3	2.1 ± 0.2
Alk Phos	U/L	100 ± 30	100 ± 30	86 ± 33	100 ± 30
ALT	U/L	53 ± 11	49 ± 11	48 ± 13	53 ± 11
Amylase	U/L	272 ± 82	191 ± 87	191 ± 89	272 ± 82
AST (SGOT)	U/L	63 ± 13	62 ± 14	57 ± 15	63 ± 13
Direct Bilirubin	mg/dL	.8 ± .4	0.5 ± .4	0.4 ± .3	0.8 ± 0.4
	mmol/L	13.7 ± 7	8.6 ± 7	6.8 ± 5	13.7 ± 7
Total Bilirubin	mg/dL	.8 ± .4	0.8 ± .4	0.7 ± .4	0.8 ± 0.4
	mmol/L	13.7 ± 7	13.7 ± 7	12.0 ± 7	13.7 ± 7
BUN	mg/dL	15 ± 2	18 ± 2	19 ± 2	17 ± 2
	mmol/L	5.4 ± .7	6.4 ± .7	6.8 ± .7	6.1 ± 0.7
Calcium (CPC)	mg/dL	9.8 ± 1.0	9.8 ± 1	10.0 ± 1	9.8 ± 1.0
	mmol/L	2.45 ± .3	2.5 ± .3	2.5 ± .2	2.5 ± 0.3
Cacium (AR-III)	mg/dL	9.2 ± 1	9.2 ± 1	9.0 ± 1	9.2 ± 1.0
	mmol/L	2.3 ± .3	2.3 ± .3	2.3 ± .3	2.3 ± 0.3
Chloride	mmol/L	91 ± 5	87 ± 5	87 ± 5	91 ± 5
Cholesterol	mg/dL	127 ± 15	137 ± 15	145 ± 15	147 ± 15
	mmol/L	3.3 ± .3	3.5 ± .4	3.8 ± .4	3.8 ± 0.4
Carbon Dioxide	mmol/L	10 ± 5	10 ± 5	10 ± 5	10 ± 5
CK/CPK	U/L	152 ± 50	148 ± 49	152 ± 51	136 ± 41
Creatinine	mg/dL	1.0 ± .4	1.4 ± .3	.9 ± .3	1.2 ± 0.3
	umol/L	76.26 ± 30.5	123.7 ± 26.5	79.6 ± 26.5	106.1 ± 26.5
GGTP	U/L	39 ± 12	39 ± 11	41 ± 12	39 ± 12
Glucose Hex	mg/dL	98 ± 10	98 ± 10	98 ± 10	98 ± 10
	mmol/L	5.4 ± .6	5.4 ± .6	5.4 ± .6	5.4 ± 0.6
Glucose Ox	mg/dL	92 ± 12	80 ± 9	92 ± 12	96 ± 10
	mmol/L	5.1 ± 0.7	4.4 ± .5	5.1 ± 0.7	5.3 ± 0.6
HDL (Auto)	mg/dL	*****	65 ± 23	67 ± 24	81 ± 24
	mmol/L	*****	1.7 ± .6	1.7 ± .6	2.1 ± 0.6
Iron	ug/dL	54 ± 12	52 ± 15	54 ± 15	58 ± 12
	umol/L	9.6 ± 2.1	9 ± 3	10 ± 3	10.4 ± 2.1
TIBC (Direct)	ug/dL	232 ± 47	232 ± 58	232 ± 58	205 ± 51
	umol/L	41.5 ± 8.4	42 ± 11	42 ± 11	36.7 ± 9.1
UIBC	ug/dL	171 ± 43	171 ± 43	171 ± 43	151 ± 38
	umol/L	30.6 ± 7.7	31 ± 8	31 ± 8	27 ± 6.8
Lactate	mmol/L	1.4 ± .2	1.3 ± .2	1.4 ± .2	1.7 ± 0.2
LDH	U/L	120 ± 21	84 ± 17	111 ± 22	100 ± 20
LDL (Auto)	mg/dL	*****	78 ± 23	85 ± 24	*****
	mmol/L	*****	2.0 ± .6	2.2 ± .6	*****
Lipase	U/L	35 ± 15	35 ± 15	32 ± 15	52 ± 16
Magnesium	mg/dL	1.4 ± .7	1.3 ± .4	1.5 ± .4	1.5 ± 0.4
	mmol/L	.6 ± .3	0.5 ± .2	0.6 ± .2	0.6 ± 0.2
Phosphorus	mg/dL	3.9 ± .4	3.6 ± .4	3.3 ± .4	3.7 ± 0.4
	mmol/L	1.25 ± .2	1.2 ± .2	1.0 ± 0.2	1.2 ± 0.1
Potassium	mmol/L	3 ± .5	3.0 ± .5	2.2 ± 0.5	3.5 ± 0.5
Sodium	mmol/L	111 ± 23	111 ± 23	111 ± 23	111 ± 23
Total Protein	g/dL	3.5 ± .4	4.0 ± .4	4.3 ± .4	3.5 ± 0.4
Trig-GPO	mg/dL	99 ± 25	96 ± 22	108 ± 22	99 ± 25
	mmol/L	1.1 ± .3	1.3 ± .3	1.4 ± .3	1.1 ± 0.3
Uric Acid	mg/dL	5 ± .9	4.6 ± .8	4.6 ± .8	4.4 ± 0.7
	umol/L	297.4 ± 23.8	274 ± 48	274 ± 48	261.7 ± 41.6
Uric Acid (Liquid)	mg/dL	4.1 ± .9	3.9 ± .9	4.1 ± .9	5.1 ± 0.9
	umol/L	243.8 ± 53	232 ± 54	244 ± 53	303.3 ± 53.1

LOT: 124202-242		Level 2 CONTROL			
EXP: 2014-11		HTI Biochem SA	HTI FC-360	HTI FC-200	General Assay Range
Analyte	Units				
Acid Phos	U/L	27.4 ± 5.5			27.4 ± 5.5
Albumin	g/dL	3.6 ± .5	3.6 ± 0.4	4.1 ± .4	4.1 ± 0.4
Alk Phos	U/L	234 ± 70	206 ± 56	211 ± 63	234 ± 70
ALT	U/L	127 ± 27	124 ± 30	133 ± 30	135 ± 27
Amylase	U/L	608 ± 182	454 ± 189	471 ± 193	608 ± 182
AST (SGOT)	U/L	210 ± 49	220 ± 46	226 ± 48	243 ± 49
Direct Bilirubin	mg/dL	3.2 ± .9	4.4 ± .9	3.0 ± 0.7	4.4 ± 0.9
	mmol/L	55 ± 15.0	75 ± 15	51 ± 12	75 ± 15
Total Bilirubin	mg/dL	4.6 ± 1.0	5.5 ± 1.0	5.5 ± 1.0	4.9 ± 1.0
	mmol/L	78.7 ± 17	94 ± 17	94 ± 17	84 ± 17
BUN	mg/dL	57 ± 5	61 ± 6	48 ± 4	57 ± 5
	mmol/L	20.3 ± 1.8	21.7 ± 2.2	17.2 ± 1.5	20.3 ± 1.8
Calcium (CPC)	mg/dL	12 ± 1	12.3 ± 1	14.8 ± 1	13.1 ± 1.0
	mmol/L	3 ± .3	3.1 ± .3	3.7 ± 0.3	3.3 ± 0.3
Cacium (AR-III)	mg/dL	12.3 ± 1	11.3 ± 1	14.8 ± 1	12.2 ± 1.0
	mmol/L	3.1 ± .3	2.8 ± .3	3.7 ± .3	3.1 ± 0.3
Chloride	mmol/L	109 ± 6	104 ± 5	106 ± 5	99 ± 5
Cholesterol	mg/dL	291 ± 32	291 ± 32	300 ± 29	315 ± 32
	mmol/L	7.5 ± .8	7.5 ± .8	7.8 ± .8	8.2 ± 0.8
Carbon Dioxide	mmol/L	30 ± 5	28 ± 5	30 ± 5	25 ± 5
CK/CPK	U/L	337 ± 82	332 ± 85	337 ± 87	292 ± 88
Creatinine	mg/dL	5 ± .8	5.1 ± .8	5.1 ± .8	5.1 ± 0.8
	umol/L	442 ± 71	451 ± 71	451 ± 71	450.1 ± 71
GGTP	U/L	120 ± 24	124 ± 20	124 ± 20	122 ± 24
Glucose Hex	mg/dL	300 ± 32	318 ± 32	318 ± 32	318 ± 32
	mmol/L	16.7 ± 1.8	17.6 ± 1.8	17.6 ± 1.8	17.6 ± 1.8
Glucose Ox	mg/dL	330 ± 30	284 ± 32	292 ± 32	315 ± 32
	mmol/L	18.3 ± 1.6	15.8 ± 1.8	16.2 ± 1.8	17.5 ± 1.8
HDL (Auto)	mg/dL	*****	138 ± 44	142 ± 45	148 ± 44
	mmol/L	*****	3.6 ± 1.1	3.7 ± 1.2	3.8 ± 1.1
Iron	ug/dL	231 ± 42	227 ± 43	231 ± 43	228 ± 46
	umol/L	41.3 ± 7.5	41 ± 7.7	41.3 ± 7.7	40.8 ± 8.2
TIBC (Direct)	ug/dL	383 ± 96	371 ± 96	383 ± 96	316 ± 79
	umol/L	69 ± 17	66 ± 17	69 ± 17	57 ± 14
UIBC	ug/dL	187 ± 40	185 ± 47	187 ± 47	174 ± 44
	umol/L	33 ± 7.1	33 ± 8	33 ± 8	31 ± 7.9
Lactate	mmol/L	3.3 ± .2	3.1 ± .2	3.3 ± .2	2.7 ± 0.2
LDH	U/L	300 ± 62	309 ± 62	309 ± 62	309 ± 62
LDL (Auto)	mg/dL	*****	135 ± 45	143 ± 45	*****
	mmol/L	*****	3.5 ± 1.2	3.7 ± 1.2	*****
Lipase	U/L	108 ± 41	108 ± 41	98 ± 41	141 ± 42
Magnesium	mg/dL	3.4 ± .9	2.4 ± .8	2.2 ± .8	3.2 ± 0.8
	mmol/L	1.4 ± .4	1.0 ± .3	.9 ± .3	1.3 ± 0.3
Phosphorus	mg/dL	7.8 ± .8	7.1 ± .9	6.8 ± .9	7.5 ± 0.8
	mmol/L	2.5 ± .3	2.3 ± .3	2.2 ± .3	2.4 ± 0.3
Potassium	mmol/L	6.2 ± .5	5.9 ± .5	4.5 ± 0.5	6.2 ± 0.5
Sodium	mmol/L	126 ± 25	126 ± 25	126 ± 25	126 ± 25
Total Protein	g/dL	6.9 ± .7	6.9 ± .7	7.5 ± .7	6.9 ± 0.7
Trig-GPO	mg/dL	200 ± 50	218 ± 46	207 ± 47	200 ± 50
	mmol/L	2.3 ± .6	2.5 ± .5	2.3 ± .5	2.3 ± 0.6
Uric Acid	mg/dL	9.2 ± 1.5	8.7 ± 1.5	9.2 ± 1.5	8.7 ± 1.5
	umol/L	547 ± 89	517 ± 89	547 ± 89	517 ± 89
Uric Acid (Liquid)	mg/dL	9.5 ± 1.6	9.0 ± 1.7	9.2 ± 1.7	9.7 ± 1.6
	umol/L	565 ± 95	535 ± 101	547 ± 101	577 ± 95