

Suppl. Table 1. TS values* of Laboratory 1 in 2018 (cumulative, annual TS: 44,702; cumulative, annual TS in %: 91%)

Analyte	January	February	March	April	May	June	July	August	September	October	November	December	Total score (i.e., annual TS)
ALP	120	120	120	120	117	120	120	120	120	106	113	120	1,416
ALT	73	120	120	120	90	81	88	118	120	120	119	99	1,268
AMYP	120	120	120	120	120	120	120	120	120	120	120	120	1,440
AST	120	120	92	120	120	120	120	120	120	120	120	120	1,412
BILD	118	120	120	120	110	120	120	120	120	120	120	120	1,428
BILT	102	120	84	109	113	117	120	120	120	120	120	73	1,318
CA	118	73	120	120	120	120	111	119	94	103	114	120	1,332
CHE	120	120	120	120	120	120	120	120	120	120	120	120	1,440
CL	120	95	104	97	106	71	69	118	98	110	100	91	1,179
CK	120	115	120	120	120	105	120	90	100	120	120	120	1,370
CRE	120	120	120	120	108	115	120	120	120	88	117	120	1,388
GGT	116	104	120	120	120	96	120	120	120	120	120	120	1,396
GLU	120	82	102	120	101	120	120	120	120	120	120	120	1,365
LDH	120	120	120	120	120	120	116	99	120	120	79	120	1,374
LIP	120	120	102	120	120	120	120	120	120	120	120	120	1,422
MG	120	120	120	120	81	105	120	120	99	120	108	120	1,353
PHOS	120	83	73	120	120	91	120	98	96	120	120	120	1,281
K	120	120	99	120	120	120	106	120	120	120	86	111	1,362
PROT	120	120	120	106	102	120	120	120	89	94	109	102	1,322
NA	90	120	120	116	104	91	120	100	120	120	120	120	1,341
UREA	120	101	120	120	120	115	120	120	114	97	120	120	1,387
UA	120	120	115	120	120	120	120	120	115	120	120	120	1,430
MYO	54	120	80	84	120	59	83	103	89	108	84	71	1,055
TSH	116	120	85	120	120	67	97	104	102	109	112	120	1,272
T3	111	41	0	60	100	44	70	63	71	120	38	83	801
T4	120	93	84	113	71	120	108	120	113	120	63	120	1,245
βHCG	81	54	120	92	103	104	98	41	120	42	117	64	1,036
PT INR	120	120	120	120	120	109	120	103	82	120	120	120	1,374
PTT ratio	120	120	120	120	120	120	120	120	120	97	120	120	1,417
WBC	120	112	107	117	107	116	117	114	120	120	84	120	1,353
RBC	98	120	116	90	120	91	93	81	99	120	96	82	1,203
HB	98	108	120	113	120	109	98	95	108	98	101	110	1,275
MCV	112	120	102	120	114	120	120	90	120	108	61	120	1,305
PLT	109	118	120	110	120	109	109	97	120	120	105	108	1,343

* Values were rounded to full digits.

Suppl. Table 2. TS values* of Laboratory 2 in 2018 (cumulative, annual TS: 44,187; cumulative, annual TS in %: 90%)

Analyte	January	February	March	April	May	June	July	August	September	October	November	December	Total score (i.e., annual TS)
ALP	120	102	114	120	120	120	120	120	116	115	120	114	1,401
ALT	107	118	61	120	110	120	116	107	120	104	120	120	1,321
AMYP	120	120	120	120	120	120	120	120	120	120	119	120	1,439
AST	120	117	67	120	120	107	113	110	120	101	108	120	1,322
BILD	120	120	119	120	120	120	120	120	120	120	120	120	1,439
BILT	118	120	104	120	120	115	120	106	120	113	120	104	1,379
CA	120	120	106	118	104	120	120	108	120	112	119	115	1,380
CHE	120	120	120	120	120	120	120	120	120	120	120	120	1,440
CL	107	108	104	109	113	96	103	103	120	120	90	91	1,262
CK	70	88	62	75	100	83	95	61	120	114	110	71	1,047
CRE	120	117	120	120	93	120	112	101	120	120	118	120	1,381
GGT	92	104	98	120	120	102	110	120	107	120	94	120	1,306
GLU	111	99	120	120	114	113	111	120	111	96	120	113	1,347
LDH	103	108	120	120	83	120	120	118	120	113	120	117	1,361
LIP	96	112	120	114	120	120	112	120	120	100	120	114	1,367
MG	112	112	120	120	120	105	111	119	120	79	106	120	1,343
PHOS	120	115	90	111	120	119	119	104	120	105	106	61	1,289
K	120	120	99	113	98	120	120	107	120	120	120	115	1,371
PROT	120	120	120	113	120	120	120	120	120	115	120	120	1,428
NA	120	120	120	120	104	120	120	114	120	120	120	110	1,407
UREA	102	120	104	120	103	95	120	106	120	101	112	118	1,319
UA	120	120	108	116	120	120	113	120	120	120	120	120	1,417
MYO	116	104	105	101	97	96	86	114	115	116	114	95	1,257
TSH	116	101	120	83	102	104	67	53	81	120	83	120	1,150
T3	120	58	84	74	52	48	80	54	0	92	65	120	847
T4	120	106	89	107	0	63	120	120	73	98	96	114	1,106
βHCG	100	92	100	73	120	81	105	81	99	104	120	87	1,160
PT INR	107	115	80	46	98	74	107	120	78	120	114	120	1,178
PTT ratio	120	120	120	49	106	109	110	96	120	100	108	96	1,251
WBC	77	120	120	120	120	109	120	116	115	112	112	120	1,360
RBC	117	92	120	95	100	105	120	114	99	103	113	111	1,288
HB	114	104	99	115	120	120	116	119	112	110	95	98	1,321
MCV	70	120	120	102	120	110	108	120	119	120	108	106	1,323
PLT	117	117	113	120	104	98	95	40	60	120	111	96	1,185

* Values were rounded to full digits.

Suppl. Table 3. TS values* of Laboratory 3 in 2018 (cumulative, annual TS: 44,174; cumulative, annual TS in %: 90%)

Analyte	January	February	March	April	May	June	July	August	September	October	November	December	Total score (i.e., annual TS)
ALP	120	120	120	95	115	110	120	117	98	112	113	110	1,348
ALT	98	120	107	120	101	108	120	106	120	107	120	94	1,320
AMYP	120	120	116	120	120	119	120	120	120	120	120	115	1,430
AST	76	118	110	110	83	90	101	119	120	80	98	107	1,211
BILD	120	115	120	120	120	119	120	120	120	120	120	120	1,434
BILT	112	120	120	120	119	120	120	118	120	120	120	120	1,428
CA	120	120	118	120	110	97	120	107	120	96	106	120	1,353
CHE	120	120	120	120	120	118	117	120	120	120	120	120	1,435
CL	100	116	120	120	120	76	119	106	106	100	120	109	1,311
CK	69	105	83	120	68	111	77	120	90	89	120	96	1,144
CRE	118	120	109	89	112	120	120	120	100	111	89	118	1,324
GGT	118	120	94	105	105	120	102	88	120	120	120	120	1,330
GLU	118	119	101	101	108	100	120	120	108	96	120	116	1,326
LDH	120	115	117	110	120	113	120	120	120	120	120	120	1,414
LIP	120	120	0	120	120	110	120	120	120	120	120	120	1,310
MG	102	120	120	111	113	113	120	120	96	116	111	120	1,361
PHOS	97	120	101	98	89	107	68	120	87	105	93	120	1,202
K	119	111	104	120	120	96	120	117	111	115	106	120	1,357
PROT	106	115	120	92	112	112	120	96	104	120	120	117	1,332
NA	117	98	102	111	118	79	116	80	101	120	105	120	1,265
UREA	120	114	108	120	107	74	112	110	112	90	120	120	1,306
UA	120	99	96	93	92	105	100	93	120	120	116	120	1,274
MYO	94	109	90	109	111	107	78	104	99	100	92	120	1,210
TSH	94	92	104	95	108	103	79	65	120	78	118	99	1,153
T3	120	120	120	120	115	74	115	92	120	119	120	120	1,354
T4	83	96	97	98	109	97	120	98	47	120	76	105	1,144
βHCG	120	120	106	120	120	120	99	75	120	102	74	109	1,284
PT INR	92	103	96	118	114	120	120	109	112	99	117	93	1,294
PTT ratio	83	78	90	102	67	111	107	92	103	60	95	94	1,081
WBC	112	115	119	120	118	118	120	120	120	111	108	114	1,394
RBC	94	101	105	110	106	114	120	98	98	100	96	92	1,234
HB	103	90	115	116	118	120	115	107	120	106	105	117	1,331
MCV	120	109	101	104	120	109	112	47	120	102	78	107	1,228
PLT	103	114	98	116	113	107	110	54	117	108	108	115	1,261

* Values were rounded to full digits.

Suppl. Table 4. TS values* of Laboratory 4 in 2018 (cumulative, annual TS: 39,291; cumulative, annual TS in %: 80%)

Analyte	January	February	March	April	May	June	July	August	September	October	November	December	Total score (i.e., annual TS)
ALP	0	120	117	120	120	104	120	120	94	120	120	120	1,275
ALT	0	120	120	120	120	120	106	120	120	120	120	120	1,306
AMYP	0	120	120	88	120	120	120	120	120	120	120	120	1,288
AST	0	120	120	120	120	120	120	113	120	74	120	92	1,239
BILD	0	83	90	43	120	95	120	120	120	120	120	120	1,151
BILT	0	120	120	84	120	120	120	120	120	120	120	120	1,284
CA	0	71	97	108	115	102	120	93	112	120	115	120	1,173
CHE	0	120	120	10	10	10	21	10	10	10	14	10	345
CL	0	120	120	60	100	82	120	108	120	119	99	120	1,168
CK	0	100	120	120	120	114	120	120	117	93	120	82	1,226
CRE	0	120	66	120	120	120	118	120	110	97	96	115	1,202
GGT	0	120	118	59	120	120	90	107	98	120	73	120	1,145
GLU	0	120	120	120	120	120	106	86	120	79	98	81	1,170
LD	0	116	120	120	120	120	120	110	120	120	120	120	1,306
LIP	0	119	120	10	10	10	10	10	10	10	10	10	329
MG	0	111	120	62	59	120	100	87	120	120	120	116	1,135
PHOS	0	119	120	78	95	120	120	91	120	120	120	120	1,223
K	0	120	120	81	120	113	120	120	120	120	116	120	1,270
PT	0	82	120	86	120	120	113	120	120	98	120	120	1,219
NA	0	120	120	58	102	95	104	87	120	112	112	120	1,150
UREA	0	120	120	120	91	120	69	120	98	120	71	120	1,169
AU	0	120	120	120	120	120	100	120	120	108	120	80	1,248
MIO	0	0	120	78	120	120	91	120	95	76	81	120	1,021
TSH	0	120	95	120	108	120	120	120	120	120	120	103	1,266
T3	0	120	46	120	120	63	120	111	120	120	120	120	1,180
T4	0	54	105	117	0	120	120	97	101	111	120	120	1,065
BHCG	0	120	105	120	120	120	120	120	120	120	120	120	1,305
PT INR	0	120	108	114	112	115	104	80	120	60	120	109	1,161
PTT ratio	0	99	120	120	117	107	120	120	120	120	112	110	1,264
WBC	0	120	120	102	105	109	112	91	120	104	98	116	1,196
RBC	0	120	120	120	120	120	108	120	120	120	120	103	1,291
HB	0	108	120	93	120	120	114	118	120	120	120	116	1,267
MCV	0	120	109	120	111	109	114	85	50	60	79	91	1,047
PLT	0	119	120	120	120	86	120	110	85	109	101	120	1,209

* Values were rounded to full digits.

Suppl. Table 5. TS values* of Laboratory 5 in 2018 (cumulative, annual TS: 38,059; cumulative, annual TS in %: 78%)

Analyte	January	February	March	April	May	June	July	August	September	October	November	December	Total score (i.e., annual TS)
ALP	0	120	120	84	120	116	120	120	120	120	120	120	1,280
ALT	0	120	109	120	120	101	120	120	120	120	120	120	1,290
AMYP	0	120	116	120	120	120	120	120	120	120	120	120	1,316
AST	0	120	69	120	79	120	120	113	120	99	93	104	1,157
BILD	0	69	67	63	71	120	120	120	120	108	120	120	1,098
BILT	0	120	120	120	120	120	107	120	120	10	120	120	1,197
CA	0	114	120	69	120	81	114	120	78	120	120	105	1,161
CHE	0	120	120	98	120	10	10	10	12	10	10	10	530
CL	0	56	120	120	115	120	120	120	120	120	120	120	1,251
CK	0	120	104	120	90	120	86	100	120	83	120	120	1,183
CRE	0	84	120	80	81	120	120	120	120	0	83	120	1,048
GGT	0	104	116	67	120	120	104	120	120	120	73	94	1,158
GLU	0	102	120	112	105	120	120	120	97	120	120	64	1,200
LDH	0	120	120	98	110	120	120	120	120	120	120	120	1,288
LIP	0	118	120	120	120	10	10	10	10	10	10	10	548
MG	0	120	111	77	120	85	118	87	94	120	120	120	1,172
PHOS	0	98	108	120	120	95	105	120	120	120	120	120	1,246
K	0	105	120	70	120	120	120	120	119	120	111	120	1,245
PROT	0	90	120	111	97	120	120	120	102	81	120	120	1,201
NA	0	81	120	120	116	120	120	97	120	120	112	120	1,246
UREA	0	114	120	120	115	120	107	120	90	77	118	108	1,209
UA	0	120	113	120	83	120	97	120	120	120	120	79	1,212
MYO	0	16	120	120	64	101	17	30	27	23	17	10	545
TSH	0	101	113	120	120	100	120	120	120	120	120	120	1,274
T3	0	120	120	85	120	53	120	102	120	90	120	120	1,170
T4	0	96	48	68	87	120	120	120	76	70	120	120	1,045
βHCG	0	120	120	79	120	120	120	109	98	120	97	120	1,223
PT INR	0	93	120	120	120	120	120	104	106	120	120	87	1,230
PTT ratio	0	120	76	105	102	81	120	69	94	87	99	120	1,073
WBC	0	114	82	104	104	111	120	100	99	103	77	0	1,013
RBC	0	120	88	86	120	105	120	105	100	118	97	0	1,059
HB	0	85	120	81	120	120	108	88	120	108	104	0	1,053
MCV	0	104	120	86	104	102	110	92	70	119	103	0	1,009
PLT	0	114	120	110	120	107	119	103	100	120	120	0	1,131

* Values were rounded to full digits.

Suppl. Table 6. TS values* of Laboratory 6 in 2018 (cumulative, annual TS: 40,070; cumulative, annual TS in %: 82%)

Analyte	January	February	March	April	May	June	July	August	September	October	November	December	Total score (i.e., annual TS)
ALP	0	110	117	115	113	120	120	120	120	120	90	120	1,264
ALT	0	115	120	120	120	120	120	120	120	112	114	67	1,247
AMYP	0	120	120	120	120	120	120	120	120	120	120	120	1,320
AST	0	116	113	114	88	104	120	120	120	120	104	76	1,193
BILD	0	113	120	120	98	101	120	120	114	110	120	120	1,256
BILT	0	120	120	120	120	113	120	120	120	106	120	120	1,298
CA	0	120	120	102	116	107	103	97	104	105	82	120	1,174
CHE	0	120	120	120	120	120	120	120	120	120	120	120	1,320
CL	0	96	79	104	92	120	120	107	108	118	112	97	1,151
CK	0	120	120	120	120	108	120	80	120	109	105	94	1,216
CRE	0	100	97	80	120	94	101	120	92	107	120	82	1,110
GGT	0	120	113	102	99	119	75	106	105	108	120	100	1,167
GLU	0	97	80	109	120	120	108	113	99	110	98	106	1,158
LDH	0	120	120	120	120	120	120	89	120	120	111	120	1,280
LIP	0	114	120	114	120	114	120	120	120	120	120	112	1,294
MG	0	120	120	120	120	120	120	120	97	120	81	91	1,229
PHOS	0	66	82	111	120	114	115	100	79	49	61	120	1,017
K	0	113	105	120	101	101	120	120	108	100	92	94	1,172
PROT	0	81	119	120	101	100	78	87	120	106	83	120	1,113
NA	0	106	101	106	84	90	119	109	90	76	69	94	1,042
UREA	0	120	99	94	110	114	120	114	107	107	102	120	1,205
UA	0	83	120	98	106	89	92	119	119	97	111	118	1,150
MYO	0	73	105	120	65	93	116	120	81	101	120	0	994
TSH	0	120	120	120	120	82	120	99	120	87	120	120	1,228
T3	0	120	120	120	120	120	120	120	120	83	120	120	1,283
T4	0	91	120	120	120	64	120	105	67	89	104	120	1,120
βHCG	0	120	120	113	120	75	82	90	120	48	104	120	1,112
PT INR	0	120	117	120	120	95	105	11	120	120	114	116	1,157
PTT ratio	0	120	120	56	90	81	91	0	111	90	120	120	999
WBC	0	75	70	67	66	120	68	105	93	69	119	80	929
RBC	0	113	112	114	112	120	88	108	118	120	120	112	1,235
HB	0	115	114	117	112	120	120	115	120	120	85	108	1,244
MCV	0	120	120	120	120	115	120	92	82	120	114	99	1,221
PLT	0	120	120	120	94	120	82	100	102	90	120	109	1,177

* Values were rounded to full digits.

Suppl. Table 7. TS values* of Laboratory 7 in 2018 (cumulative, annual TS: 37,615; cumulative, annual TS in %: 77%)

Analyte	January	February	March	April	May	June	July	August	September	October	November	December	Total score (i.e., annual TS)
ALP	0	120	120	120	120	120	120	117	104	120	119	120	1,300
ALT	0	114	105	95	77	101	80	78	102	82	108	101	1,043
AMYP	0	103	118	104	112	120	120	120	120	120	120	105	1,262
AST	0	120	65	76	99	120	104	87	107	103	93	84	1,058
BILD	0	120	120	120	120	120	118	81	120	113	110	115	1,257
BILT	0	120	120	120	92	119	120	120	109	120	71	120	1,231
CA	0	120	120	71	104	120	120	88	79	91	69	0	982
CHE	0	120	120	120	120	120	120	120	120	120	120	120	1,320
CL	0	94	120	54	59	99	89	48	40	42	41	56	742
CK	0	103	120	120	118	120	120	120	120	120	106	120	1,287
CRE	0	120	100	117	120	120	120	120	106	92	84	100	1,199
GGT	0	73	73	74	79	65	62	70	88	87	72	63	806
GLU	0	82	86	71	73	92	101	68	82	77	74	92	898
LDH	0	109	91	112	110	86	120	70	112	120	102	120	1,152
LIP	0	120	86	120	120	81	120	120	113	120	118	116	1,234
MG	0	120	120	106	92	120	95	64	84	116	74	92	1,083
PHOS	0	94	102	103	88	120	98	64	102	99	67	84	1,021
K	0	101	120	66	74	101	101	61	65	80	57	90	916
PROT	0	91	120	87	120	100	120	87	84	120	120	120	1,169
NA	0	76	82	40	41	73	61	39	39	48	45	74	618
UREA	0	120	120	117	120	81	75	120	110	52	119	120	1,154
UA	0	95	111	76	104	120	110	81	120	120	120	120	1,177
MYO	0	120	0	113	88	76	91	56	63	120	89	100	916
TSH	0	120	120	120	76	120	115	80	110	92	120	120	1,193
T3	0	81	115	111	120	101	120	120	92	76	120	120	1,176
T4	0	87	93	106	93	65	104	53	120	120	88	120	1,049
βHCG	0	88	44	120	120	104	108	120	95	120	109	120	1,148
PT INR	0	120	120	107	83	109	120	103	0	120	119	94	1,095
PTT ratio	0	120	105	120	120	120	120	106	0	120	120	120	1,171
WBC	0	104	90	85	99	109	120	82	80	83	98	106	1,053
RBC	0	119	101	100	120	92	109	112	110	118	120	120	1,219
HB	0	120	120	117	119	120	120	111	117	120	120	120	1,303
MCV	0	120	120	110	115	107	85	99	114	120	114	117	1,220
PLT	0	120	118	103	120	99	112	59	120	106	93	115	1,164

* Values were rounded to full digits.