

Target values MQ 2025 - 3

		Target Value	Toleranz		Numbre	Conform
G01 Coagulation INR						
Activated Prothrombin Time						
394	Actin FS	37.5 Sek	25 %	28.1 - 46.8	6	6 (100.00%)
395	Pathromtin SL	60.5 Sek	25 %	45.4 - 75.6	6	6 (100.00%)
1090	Stago/STA	51.5 Sek	25 %	38.6 - 64.4	25	24 (96.00%)
1925	aPTT-SP	40.7 Sek	25 %	30.5 - 50.8	10	10 (100.00%)
396	andere Methoden	40.5 Sek	25 %	30.4 - 50.6	11	11 (100.00%)
Fibrinogen OA						
737	Multifibren	1.45 g/l	15 %	1.23 - 1.67	1	1 (100.00%)
398	Siemens Thrombin	1.06 g/l	15 %	0.91 - 1.22	9	9 (100.00%)
1087	Stago/STA	1.38 g/l	15 %	1.17 - 1.58	24	22 (91.67%)
1928	Fibrinogen Q.F.A.	1.27 g/l	15 %	1.08 - 1.46	15	15 (100.00%)
INR VKA						
155	Innovin	1.52 INR	15 %	1.29 - 1.75	15	13 (86.67%)
1276	Neoplastin R	1.81 INR	15 %	1.54 - 2.08	16	14 (87.50%)
151	Neoplastin Plus	1.56 INR	15 %	1.33 - 1.79	9	9 (100.00%)
2527	STA-NeoPTimal	2.14 INR	15 %	1.82 - 2.46	12	10 (83.33%)
1580	Recombiplastin 2G	1.67 INR	15 %	1.42 - 1.92	16	14 (87.50%)
348	andere Methoden	1.68 INR	15 %	1.43 - 1.93	2	2 (100.00%)
Thrombintime OA						
3205	Stago/STA	17 Sek	30 %	12 - 22	1	1 (100.00%)
G02 CoaguChek						
INR CoaguChek						
819	CoaguChek Pro II	2.9 INR	15 %	2.4 - 3.3	979	950 (97.04%)
G03 Coagulation NT						
aPTT N						
1926	aPTT-SP	26.0 Sek	25 %	19.5 - 32.5	7	6 (85.71%)
407	Actin FS	22.9 Sek	25 %	17.2 - 28.7	11	11 (100.00%)
408	Pathromtin SL	40.9 Sek	25 %	30.6 - 51.1	11	11 (100.00%)
1088	Stago/STA	31.5 Sek	25 %	23.6 - 39.3	20	20 (100.00%)
409	andere Methoden	36.3 Sek	25 %	27.2 - 45.4	5	5 (100.00%)
Faktor II						
2441	Alle Methoden	98.5 %	25 %	73.9 - 123.2	3	3 (100.00%)
Faktor V						
2442	Alle Methoden	90.3 %	25 %	67.7 - 112.9	8	8 (100.00%)
Faktor VII						
2443	Alle Methoden	97.8 %	25 %	73.3 - 122.2	5	5 (100.00%)
Fibrinogen N						
402	Siemens Thrombin	2.33 g/l	15 %	1.98 - 2.67	11	11 (100.00%)
1085	Stago/STA	2.79 g/l	15 %	2.37 - 3.21	22	21 (95.45%)
1929	Fibrinogen Q.F.A.	2.59 g/l	15 %	2.20 - 2.98	13	11 (84.62%)
2074	Fib Clauss (IL)	2.69 g/l	15 %	2.29 - 3.09	6	6 (100.00%)

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G03 Coagulation NT						
Fibrinogen N						
403	andere Methoden	2.40 g/l	15 %	2.04 - 2.76	1	1 (100.00%)
Prothrombin time NT						
957	andere Methoden	100 %	15 %	85 - 115	13	13 (100.00%)
1500	Recombiplastin 2G	100 %	15 %	85 - 115	9	9 (100.00%)
2528	STA-NeoPTimal	84 %	15 %	71 - 97	7	7 (100.00%)
1277	Neoplastin R	95 %	15 %	80 - 109	15	15 (100.00%)
137	Innovin	99 %	15 %	84 - 113	15	15 (100.00%)
133	Neoplastin Plus	89 %	15 %	76 - 102	4	4 (100.00%)
Thrombintime N						
3198	ACL	26 Sek	30 %	18 - 33	7	7 (100.00%)
3199	Stago/STA	19 Sek	30 %	13 - 24	8	8 (100.00%)
3200	andere Methoden	17 Sek	30 %	12 - 22	10	10 (100.00%)
3307		18 Sek	30 %	13 - 24	3	3 (100.00%)
G04 unfractionated heparin						
2734	Alle Methoden	106 Sek	20 %	84 - 127	3	3 (100.00%)
Anti-FXa (unfrakt-Heparin)						
2464	ACL	0.55 IU/ml	20 %	0.44 - 0.66	20	19 (95.00%)
2463	Stago/STA	0.38 IU/ml	20 %	0.31 - 0.46	13	12 (92.31%)
2444	andere Methoden	0.55 IU/ml	20 %	0.44 - 0.66	25	25 (100.00%)
aPTT H						
1927	aPTT-SP	104.1 Sek	25 %	78.1 - 130.1	11	10 (90.91%)
411	Actin FS	59.8 Sek	25 %	44.8 - 74.7	4	4 (100.00%)
2101	Actin FSL	67.7 Sek	25 %	50.7 - 84.6	7	7 (100.00%)
412	Pathromtin SL	120.7 Sek	25 %	90.5 - 150.9	6	5 (83.33%)
1089	Stago/STA	110.0 Sek	25 %	82.5 - 137.6	15	14 (93.33%)
413	andere Methoden	65.0 Sek	25 %	48.8 - 81.3	4	4 (100.00%)
Fibrinogen H						
739	Multifibren	3.31 g/l	15 %	2.82 - 3.81	1	1 (100.00%)
2075	Fib Clauss (IL)	3.08 g/l	15 %	2.62 - 3.55	2	2 (100.00%)
404	Siemens Thrombin	3.23 g/l	15 %	2.74 - 3.71	4	4 (100.00%)
1086	Stago/STA	3.52 g/l	15 %	2.99 - 4.05	16	16 (100.00%)
1930	Fibrinogen Q.F.A.	3.31 g/l	15 %	2.82 - 3.81	15	15 (100.00%)
405	andere Methoden	3.30 g/l	15 %	2.81 - 3.80	12	12 (100.00%)
Prothrombin time HT						
958	andere Methoden	100 %	15 %	85 - 115	8	8 (100.00%)
1581	Recombiplastin 2G	99 %	15 %	84 - 114	16	15 (93.75%)
1275	Neoplastin R	90 %	15 %	76 - 103	14	13 (92.86%)
146	Innovin	100 %	15 %	85 - 115	14	13 (92.86%)
2529	STA-NeoPTimal	87 %	15 %	74 - 100	3	3 (100.00%)

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G04 unfractionated heparin						
Thrombintime H						
3201	ACL	60 Sek	30 %	42 - 78	8	6 (75.00%)
3202	Stago/STA	60 Sek	30 %	42 - 78	6	6 (100.00%)
3203	andere Methoden	60 Sek	30 %	42 - 78	6	6 (100.00%)
G06 D-dimer						
D-dimer						
470	Roche	0.39 mg/l	21 %	0.31 - 0.47	9	9 (100.00%)
1477	Roche (Heparinplasma)	0.49 mg/l	21 %	0.39 - 0.60	1	1 (100.00%)
642	STA Liatest	0.83 mg/l	21 %	0.66 - 1.01	17	17 (100.00%)
1713	Siemens	1.64 mg/l	21 %	1.29 - 1.98	18	17 (94.44%)
643	Pathfast	0.15 mg/l	21 %	0.11 - 0.18	21	21 (100.00%)
1852	Abbott	0.49 mg/l	21 %	0.39 - 0.60	1	1 (100.00%)
1553	ACL	1.69 mg/l	21 %	1.34 - 2.05	14	13 (92.86%)
1549	AQT 90 FLEX	0.62 mg/l	21 %	0.49 - 0.75	5	5 (100.00%)
464	VIDAS	1.31 mg/l	21 %	1.04 - 1.59	16	15 (93.75%)
1140	andere (0,5)	0.62 mg/l	21 %	0.49 - 0.75	1	1 (100.00%)
D-dimer qn AFIAS						
2135	AFIAS	1.34 mg/l	21 %	1.06 - 1.62	633	526 (83.10%)
D-Dimer Triage						
1490	Triage	702.91 ng/ml	21 %	555.30 - 850.52	407	379 (93.12%)
G09 CoaguChek APTT						
CoaguChek APTT						
727	CoaguChek Pro II	86.4 Sek	25 %	64.8 - 108.0	10	10 (100.00%)
G11 CoaguChek XS INR						
INR CCXS						
1098	CoaguChek XS	2.0 INR	15 %	1.7 - 2.3	1219	1206 (98.93%)
G12 Hemochron						
INR HC						
1151	Hemochron j.	5.5	15 %	4.7 - 6.3	5	5 (100.00%)
G14 MicroINR						
INR MI						
3092	microINR Expert	1.9	15 %	1.6 - 2.2	32	20 (62.50%)
1720	MicroINR	2.0	15 %	1.7 - 2.3	93	80 (86.02%)
G16 INR Xprecia						
INR Xprecia						
1888	Xprecia	2.9	15 %	2.5 - 3.4	39	39 (100.00%)

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G17 INR LumiraDX						
INR Lumira Dx						
2506	Lumira Dx	1.4	15 %	1.2 - 1.6	7	6 (85.71%)
G18 LMW-Heparin						
Anti-FXa (LMW-Heparin)						
2468	ACL	0.71 IU/ml	20 %	0.57 - 0.85	23	23 (100.00%)
2467	Stago/STA	0.59 IU/ml	20 %	0.47 - 0.71	12	12 (100.00%)
2445	andere Methoden	0.71 IU/ml	20 %	0.57 - 0.85	20	20 (100.00%)
G19 Rivaroxaban						
Anti-FXa (Rivaroxaban)						
2466	ACL	87.05 µg/l	20 %	69.64 - 104.47	11	11 (100.00%)
2465	Stago/STA	76.43 µg/l	20 %	61.14 - 91.71	14	13 (92.86%)
2446	andere Methoden	75.70 µg/l	20 %	60.56 - 90.84	2	2 (100.00%)
G20 Apixaban						
Anti-FXa (Apixaban)						
2660	Stago/STA	61.77 µg/l	20 %	49.41 - 74.12	7	7 (100.00%)
2661	ACL	74.70 µg/l	20 %	59.76 - 89.64	5	5 (100.00%)
2447	andere Methoden	61.60 µg/l	20 %	49.28 - 73.92	1	1 (100.00%)
G21 Edoxaban						
Anti-FXa (Edoxaban)						
2448	Alle Methoden	104.20 µg/l	20 %	83.36 - 125.04	4	4 (100.00%)
G22 Dabigatran						
Anti-FIIa (Dabigatran)						
2449	Alle Methoden	223.45 µg/l	20 %	178.76 - 268.144		4 (100.00%)
H01 Hematology						
Erythrocytes						
1144	Sysmex X	3.80 T/l	25 %	2.85 - 4.75	62	62 (100.00%)
227	Automat	3.85 T/l	25 %	2.89 - 4.81	3	3 (100.00%)
759	Advia 120	3.87 T/l	25 %	2.90 - 4.84	1	1 (100.00%)
Erythrocytes						
2741	Sysmex XQ-320	3.99 T/l	25 %	2.99 - 4.98	224	219 (97.77%)
2284	Micros 60	3.66 T/l	25 %	2.74 - 4.57	44	42 (95.45%)
1734	Samsung HC10	3.80 T/l	25 %	2.85 - 4.75	1	1 (100.00%)
1110	Medonic	3.80 T/l	25 %	2.85 - 4.75	1	1 (100.00%)
699	Swelab	3.82 T/l	25 %	2.86 - 4.77	26	26 (100.00%)
1011	Mythic	3.79 T/l	25 %	2.84 - 4.74	194	191 (98.45%)
1050	Abacus Junior	3.88 T/l	25 %	2.91 - 4.84	2	2 (100.00%)
1729	Sysmex XP 300	3.82 T/l	25 %	2.87 - 4.78	555	546 (98.38%)
838	Sysmex PoCH - 100i	3.93 T/l	25 %	2.95 - 4.91	169	168 (99.41%)
682	Sysmex KX21	3.98 T/l	25 %	2.98 - 4.97	2	2 (100.00%)

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H01 Hematology						
Hematocrit						
758	Advia 120	0.34 l/l	9 %	0.31 - 0.37	1	1 (100.00%)
1142	Sysmex X	0.35 l/l	9 %	0.31 - 0.38	62	62 (100.00%)
5	Zentrifuge	0.36 l/l	9 %	0.33 - 0.40	2	2 (100.00%)
6	Automat	0.33 l/l	9 %	0.30 - 0.36	3	3 (100.00%)
Hematocrit						
1008	Mythic	0.33 l/l	9 %	0.30 - 0.36	194	184 (94.85%)
2282	Micros 60	0.31 l/l	9 %	0.28 - 0.34	44	40 (90.91%)
1732	Samsung HC10	0.34 l/l	9 %	0.31 - 0.37	1	1 (100.00%)
1108	Medonic	0.34 l/l	9 %	0.31 - 0.37	1	1 (100.00%)
1046	Abacus Junior	0.34 l/l	9 %	0.31 - 0.37	2	2 (100.00%)
696	Swelab	0.34 l/l	9 %	0.31 - 0.37	26	26 (100.00%)
679	Sysmex KX21	0.34 l/l	9 %	0.31 - 0.37	2	2 (100.00%)
836	Sysmex PocH - 100i	0.34 l/l	9 %	0.31 - 0.37	169	167 (98.82%)
2740	Sysmex XQ-320	0.34 l/l	9 %	0.31 - 0.37	224	213 (95.09%)
1727	Sysmex XP 300	0.33 l/l	9 %	0.30 - 0.36	555	543 (97.84%)
Hemoglobin						
1949	DiaSpect	119.5 g/l	9 %	108.8 - 130.3	14	13 (92.86%)
1453	Hemocontrol	116.9 g/l	9 %	106.4 - 127.5	14	14 (100.00%)
116	Hemocue	115.4 g/l	9 %	105.0 - 125.8	384	360 (93.75%)
757	Advia 120	118.0 g/l	9 %	107.4 - 128.6	1	1 (100.00%)
1143	Sysmex X	117.2 g/l	9 %	106.6 - 127.7	62	62 (100.00%)
2	Cyanmethämoglobin	115.4 g/l	9 %	105.0 - 125.8	13	13 (100.00%)
88	Automat	116.7 g/l	9 %	106.2 - 127.2	5	5 (100.00%)
2915	Hemocue Hb 801	134.5 g/l	9 %	122.4 - 146.6	6	6 (100.00%)
Hemoglobin						
1696	Sysmex XQ-320	117.8 g/l	9 %	107.2 - 128.4	226	215 (95.13%)
2283	Micros 60	113.5 g/l	9 %	103.3 - 123.8	44	43 (97.73%)
1733	Samsung HC10	117.2 g/l	9 %	106.7 - 127.8	1	1 (100.00%)
1109	Medonic	117.2 g/l	9 %	106.7 - 127.8	1	1 (100.00%)
1047	Abacus Junior	117.2 g/l	9 %	106.7 - 127.8	3	2 (66.67%)
695	Swelab	121.2 g/l	9 %	110.3 - 132.1	26	26 (100.00%)
1728	Sysmex XP 300	117.2 g/l	9 %	106.7 - 127.8	553	542 (98.01%)
837	Sysmex PocH - 100i	115.8 g/l	9 %	105.4 - 126.2	170	166 (97.65%)
678	Sysmex KX21	118.5 g/l	9 %	107.8 - 129.2	2	2 (100.00%)
1009	Mythic	114.6 g/l	9 %	104.3 - 124.9	194	186 (95.88%)
Leucocytes						
1145	Sysmex X	6.06 G/l	25 %	4.54 - 7.57	62	62 (100.00%)
8	Mikroskopisch	4.80 G/l	25 %	3.60 - 6.00	4	4 (100.00%)
9	Automat	5.51 G/l	25 %	4.13 - 6.89	3	3 (100.00%)
760	Advia 120 (Perox)	7.00 G/l	25 %	5.25 - 8.75	1	1 (100.00%)
Leucocytes						
697	Swelab	5.83 G/l	25 %	4.37 - 7.29	26	26 (100.00%)
2285	Micros 60	5.20 G/l	25 %	3.90 - 6.50	44	44 (100.00%)

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H01 Hematology						
Leucocytes						
1735	Samsung HC10	5.80 G/l	25 %	4.35 - 7.24	1	1 (100.00%)
1537	Mythic 22	4.50 G/l	25 %	3.38 - 5.63	1	1 (100.00%)
1111	Medonic	5.80 G/l	25 %	4.35 - 7.24	1	1 (100.00%)
1048	Abacus Junior	5.61 G/l	25 %	4.21 - 7.01	2	2 (100.00%)
1010	Mythic	5.50 G/l	25 %	4.13 - 6.88	193	191 (98.96%)
839	Sysmex PocH - 100i	5.47 G/l	25 %	4.10 - 6.83	171	170 (99.42%)
1730	Sysmex XP 300	5.72 G/l	25 %	4.29 - 7.15	558	553 (99.10%)
680	Sysmex KX21	5.63 G/l	25 %	4.22 - 7.03	2	2 (100.00%)
2742	Sysmex XQ-320	5.79 G/l	25 %	4.35 - 7.24	223	216 (96.86%)
Thrombocytes						
761	Advia 120	196.0 G/l	25 %	147.0 - 245.0	1	1 (100.00%)
1146	Sysmex X	203.6 G/l	25 %	152.7 - 254.5	62	62 (100.00%)
89	Mikroskopisch	196.3 G/l	25 %	147.2 - 245.4	3	3 (100.00%)
90	Automat	225.7 G/l	25 %	169.3 - 282.1	3	3 (100.00%)
Thrombocytes						
1112	Medonic	218.0 G/l	25 %	163.5 - 272.5	1	1 (100.00%)
1049	Abacus Junior	222.5 G/l	25 %	166.9 - 278.1	2	2 (100.00%)
698	Swelab	209.0 G/l	25 %	156.8 - 261.3	26	25 (96.15%)
1012	Mythic	208.9 G/l	25 %	156.7 - 261.1	194	191 (98.45%)
1731	Sysmex XP 300	218.8 G/l	25 %	164.1 - 273.5	558	550 (98.57%)
1736	Samsung HC10	218.0 G/l	25 %	163.5 - 272.5	1	1 (100.00%)
681	Sysmex KX21	199.5 G/l	25 %	149.6 - 249.4	2	2 (100.00%)
2743	Sysmex XQ-320	204.5 G/l	25 %	153.4 - 255.6	224	220 (98.21%)
840	Sysmex PocH - 100i	214.9 G/l	25 %	161.2 - 268.6	171	168 (98.25%)
2286	Micros 60	198.4 G/l	25 %	148.8 - 248.0	44	41 (93.18%)
H02 Hematology Plus						
CRP H2						
3106	Dymind DP-H10	11.6 mg/l	21 %	9.1 - 14.0	8	8 (100.00%)
1712	Microsemi	14.4 mg/l	21 %	11.3 - 17.4	919	848 (92.27%)
1252	ABX Micros CRP200	8.0 mg/l	21 %	6.0 - 10.0	1	1 (100.00%)
2526	Zybio Z3	13.7 mg/l	21 %	10.9 - 16.6	306	260 (84.97%)
3052	MEK-1303/5	12.1 mg/l	21 %	9.6 - 14.6	74	74 (100.00%)
2291	Celltac chemi	8.4 mg/l	21 %	6.4 - 10.4	17	6 (35.29%)
Erythrocytes H2						
3109	Dymind DP-H10	3.81 T/l	25 %	2.85 - 4.76	9	9 (100.00%)
1709	Microsemi	3.64 T/l	25 %	2.73 - 4.55	936	914 (97.65%)
692	Abx Micros	3.50 T/l	25 %	2.63 - 4.38	1	1 (100.00%)
2522	Zybio Z3	3.72 T/l	25 %	2.79 - 4.65	324	317 (97.84%)
3035	MEK-1303/5	3.90 T/l	25 %	2.93 - 4.88	82	78 (95.12%)
1129	Celltac Alpha (Nihon Kohden)	3.89 T/l	25 %	2.92 - 4.86	43	40 (93.02%)

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H02 Hematology Plus						
Hematocrit H2						
3033	MEK-1303/5	0.38 l/l	9 %	0.35 - 0.42	82	76 (92.68%)
2525	Zybio Z3	0.34 l/l	9 %	0.31 - 0.37	324	303 (93.52%)
1127	Celltac Alpha (Nihon Kohden)	0.34 l/l	9 %	0.31 - 0.37	43	36 (83.72%)
1707	Microsemi	0.31 l/l	9 %	0.28 - 0.34	936	903 (96.47%)
3108	Dymind DP-H10	0.34 l/l	9 %	0.31 - 0.37	9	8 (88.89%)
689	Abx Micros	0.29 l/l	9 %	0.27 - 0.32	1	1 (100.00%)
Hemoglobin H2						
3107	Dymind DP-H10	116.7 g/l	9 %	106.2 - 127.2	9	8 (88.89%)
1708	Microsemi	112.8 g/l	9 %	102.7 - 123.0	935	912 (97.54%)
688	Abx Micros	107.0 g/l	9 %	97.4 - 116.6	1	1 (100.00%)
2521	Zybio Z3	116.5 g/l	9 %	106.0 - 126.9	323	313 (96.90%)
3034	MEK-1303/5	116.1 g/l	9 %	105.6 - 126.5	82	78 (95.12%)
1128	Celltac Alpha (Nihon Kohden)	117.0 g/l	9 %	106.5 - 127.5	43	40 (93.02%)
Leucocytes H2						
1130	Celltac Alpha (Nihon Kohden)	5.68 G/l	25 %	4.26 - 7.10	43	42 (97.67%)
3036	MEK-1303/5	5.54 G/l	25 %	4.15 - 6.92	82	81 (98.78%)
2523	Zybio Z3	5.20 G/l	25 %	3.90 - 6.51	324	319 (98.46%)
1710	Microsemi	5.33 G/l	25 %	4.00 - 6.66	936	925 (98.82%)
3110	Dymind DP-H10	5.26 G/l	25 %	3.94 - 6.57	9	8 (88.89%)
690	Abx Micros	5.30 G/l	25 %	3.97 - 6.63	1	1 (100.00%)
Thrombocytes H2						
3037	MEK-1303/5	209.5 G/l	25 %	157.1 - 261.8	80	78 (97.50%)
3111	Dymind DP-H10	236.7 G/l	25 %	177.5 - 295.8	9	8 (88.89%)
1711	Microsemi	196.5 G/l	25 %	147.3 - 245.6	936	911 (97.33%)
691	Abx Micros	227.0 G/l	25 %	170.3 - 283.8	1	1 (100.00%)
2524	Zybio Z3	215.0 G/l	25 %	161.2 - 268.7	324	319 (98.46%)
1131	Celltac Alpha (Nihon Kohden)	189.3 G/l	25 %	142.0 - 236.6	43	41 (95.35%)
H05 Hematology BG						
Hematocrit						
1476	iStat	0.56 l/l	9 %	0.51 - 0.61	19	19 (100.00%)
1487	EPOC	0.50 l/l	9 %	0.46 - 0.55	16	16 (100.00%)
Hemoglobin BG						
1475	iStat	191.2 g/l	9 %	174.0 - 208.4	14	14 (100.00%)
H06 Hematology, 5-part differential						
Basophiles						
1898	Sysmex	0.06 G/l	80 %	-0.04 - 0.16	126	123 (97.62%)
1908	Advia	0.02 G/l	80 %	-0.08 - 0.12	1	1 (100.00%)
1918	Beckman	0.01 G/l	80 %	-0.09 - 0.11	8	8 (100.00%)
1940	Yumizen/Pentra	0.03 G/l	80 %	-0.07 - 0.13	15	14 (93.33%)
Eosinophils						
1897	Sysmex	0.05 G/l	80 %	-0.05 - 0.15	125	125 (100.00%)
1907	Advia	0.12 G/l	80 %	0.02 - 0.22	1	1 (100.00%)

		Target Value	Toleranz		Numbre	Conform
H06 Hematology, 5-part differential						
Eosinophils						
1917	Beckman	0.10 G/l	80 %	0.00 - 0.20	8	8 (100.00%)
1939	Yumizen/Pentra	0.03 G/l	80 %	-0.07 - 0.13	15	15 (100.00%)
Erythrocytes						
1891	Sysmex	5.11 T/l	25 %	3.84 - 6.39	127	127 (100.00%)
1901	Advia	5.11 T/l	25 %	3.83 - 6.39	1	1 (100.00%)
1911	Beckman	5.12 T/l	25 %	3.84 - 6.40	8	8 (100.00%)
1933	Yumizen/Pentra	5.06 T/l	25 %	3.79 - 6.32	15	15 (100.00%)
Hematocrit						
1932	Yumizen/Pentra	0.44 l/l	9 %	0.40 - 0.48	15	15 (100.00%)
1910	Beckman	0.46 l/l	9 %	0.42 - 0.50	8	8 (100.00%)
1890	Sysmex	0.47 l/l	9 %	0.43 - 0.52	127	125 (98.43%)
1900	Advia	0.47 l/l	9 %	0.43 - 0.51	1	1 (100.00%)
Hemoglobin						
1889	Sysmex	151.6 g/l	9 %	137.9 - 165.2	127	127 (100.00%)
1899	Advia	152.0 g/l	9 %	138.3 - 165.7	1	1 (100.00%)
1909	Beckman	151.5 g/l	9 %	137.9 - 165.1	8	8 (100.00%)
1931	Yumizen/Pentra	153.7 g/l	9 %	139.8 - 167.5	15	15 (100.00%)
Immature Granulocytes						
2492	Sysmex	0.03 G/l	25 %	-0.07 - 0.13	112	110 (98.21%)
Leucocytes						
1934	Yumizen/Pentra	5.08 G/l	25 %	3.81 - 6.35	16	14 (87.50%)
1892	Sysmex	5.85 G/l	25 %	4.39 - 7.32	126	126 (100.00%)
1902	Advia	5.85 G/l	25 %	4.39 - 7.31	1	1 (100.00%)
1912	Beckman	5.83 G/l	25 %	4.37 - 7.29	8	8 (100.00%)
Lymphocytes						
1915	Beckman	2.00 G/l	25 %	1.50 - 2.50	8	8 (100.00%)
1937	Yumizen/Pentra	2.38 G/l	25 %	1.79 - 2.98	15	14 (93.33%)
1895	Sysmex	2.19 G/l	25 %	1.64 - 2.74	127	127 (100.00%)
1905	Advia	2.19 G/l	25 %	1.64 - 2.74	1	1 (100.00%)
MCH						
2489	Sysmex	29.7 pg	25 %	22.2 - 37.1	117	117 (100.00%)
2494	Advia	29.7 pg	25 %	22.3 - 37.1	1	1 (100.00%)
2498	Beckman	29.9 pg	25 %	22.4 - 37.4	7	7 (100.00%)
2502	Yumizen/Pentra	30.3 pg	25 %	22.7 - 37.9	12	12 (100.00%)
MCHC						
2490	Sysmex	321 g/l	25 %	241 - 401	118	118 (100.00%)
2495	Advia	321 g/l	25 %	241 - 401	1	1 (100.00%)
2499	Beckman	333 g/l	25 %	249 - 416	7	7 (100.00%)
2503	Yumizen/Pentra	346 g/l	25 %	259 - 432	12	12 (100.00%)
MCV						
2488	Sysmex	92.6 fl	25 %	69.4 - 115.7	117	117 (100.00%)
2493	Advia	92.6 fl	25 %	69.4 - 115.8	1	1 (100.00%)
2497	Beckman	89.5 fl	25 %	67.2 - 111.9	7	7 (100.00%)

		Target Value	Toleranz		Numbre	Conform
H06 Hematology, 5-part differential						
MCV						
2501	Yumizen/Pentra	87.8 fl	25 %	65.8 - 109.7	11	11 (100.00%)
Monocytes						
1938	Yumizen/Pentra	0.30 G/l	80 %	0.06 - 0.54	15	11 (73.33%)
1916	Beckman	0.40 G/l	80 %	0.08 - 0.72	8	8 (100.00%)
1896	Sysmex	0.49 G/l	80 %	0.10 - 0.89	126	126 (100.00%)
1906	Advia	0.36 G/l	80 %	0.07 - 0.65	1	1 (100.00%)
Neutrophils						
1894	Sysmex	3.05 G/l	25 %	2.29 - 3.81	127	127 (100.00%)
1904	Advia	3.04 G/l	25 %	2.28 - 3.80	1	1 (100.00%)
1914	Beckman	3.41 G/l	25 %	2.56 - 4.26	8	8 (100.00%)
1936	Yumizen/Pentra	2.33 G/l	25 %	1.75 - 2.91	15	13 (86.67%)
RDW						
2491	Sysmex	14.4 %	25 %	10.8 - 18.1	113	111 (98.23%)
2496	Advia	14.4 %	25 %	10.8 - 18.1	1	1 (100.00%)
2500	Beckman	14.7 %	25 %	11.1 - 18.4	7	7 (100.00%)
2504	Yumizen/Pentra	14.4 %	25 %	10.8 - 18.1	12	12 (100.00%)
Thrombocytes						
1913	Beckman	183.8 G/l	25 %	137.8 - 229.7	8	8 (100.00%)
1893	Sysmex	180.4 G/l	25 %	135.3 - 225.5	127	127 (100.00%)
1903	Advia	180.4 G/l	25 %	135.3 - 225.5	1	1 (100.00%)
1935	Yumizen/Pentra	168.6 G/l	25 %	126.4 - 210.8	15	15 (100.00%)
H07 Retikulozyten, Automat						
Reticulocytes						
1944	Sysmex	73.9 G/l	30 %	51.8 - 96.1	67	65 (97.01%)
1943	Advia	47.3 G/l	30 %	33.1 - 61.5	1	1 (100.00%)
1942	Beckman	47.3 G/l	30 %	33.1 - 61.5	6	4 (66.67%)
H08 Serum indices HIL						
Hämolyseindex Probe A						
1971	Roche	72.42	30 %	50.69 - 94.14	24	24 (100.00%)
2068	Atellica	66.36	30 %	46.45 - 86.27	7	6 (85.71%)
2293	Abbott	25.00	30 %	17.50 - 32.50	2	2 (100.00%)
Hämolyseindex Probe B						
1972	Roche	0.49	30 %	-7.51 - 8.49	24	23 (95.83%)
2069	Atellica	25.93	30 %	18.15 - 33.71	7	3 (42.86%)
2294	Abbott	23.75	30 %	16.63 - 30.88	2	2 (100.00%)
Icteria Index A						
2909	Atellica	0.71	30 %	-0.79 - 2.21	6	6 (100.00%)
2913	Abbott	3.65	30 %	2.15 - 5.15	2	2 (100.00%)
2905	Cobas	0.01	30 %	-1.49 - 1.51	10	10 (100.00%)
Icteria Index B						
2910	Atellica	0.17	30 %	-1.33 - 1.67	6	6 (100.00%)
2906	Cobas	0.01	30 %	-1.49 - 1.51	11	11 (100.00%)

		Target Value	Toleranz			Numbre	Conform
H08 Serum indices HIL							
Icteria Index B							
2914	Abbott	1.95	30 %	0.45 - 3.45	2		2 (100.00%)
Lipemia index A							
2899	Atellica	62.68	30 %	43.88 - 81.49	6		5 (83.33%)
2895	Cobas	66.00	30 %	46.20 - 85.80	11		11 (100.00%)
2903	Abbott	72.65	30 %	50.86 - 94.45	2		2 (100.00%)
Lipemia index B							
2896	Cobas	495.18	30 %	346.63 - 643.74	11		11 (100.00%)
2900	Atellica	172.08	None	120.46 - 223.71	7		2 (28.57%)
2904	Abbott	328.95	30 %	230.26 - 427.63	2		2 (100.00%)
H10 Erythrocyte sedimentation rate							
Erythrocyte sedimentation rate 1h							
2433	MINI-CUBE	103 mm/h	40 %	62 - 144	29		28 (96.55%)
1980	Sarstedt Sedivette	77 mm/h	40 %	46 - 108	25		24 (96.00%)
1981	Sarstedt Microvette	89 mm/h	40 %	53 - 125	4		3 (75.00%)
1982	BD Seditainer	81 mm/h	40 %	48 - 113	45		42 (93.33%)
1983	andere Methoden	86 mm/h	40 %	52 - 120	21		20 (95.24%)
Erythrocyte sedimentation rate 2h							
1984	Sarstedt Sedivette	150 mm/2h	40 %	90 - 210	7		7 (100.00%)
1986	BD Seditainer	139 mm/2h	40 %	83 - 195	4		4 (100.00%)
1987	andere Methoden	122 mm/2h	40 %	73 - 171	2		2 (100.00%)
H12 Hemoscreen							
Erythrocytes HS							
2342	PixCell HemoScreen	4.86 T/l	25 %	3.65 - 6.08	32		28 (87.50%)
Hematocrit HS							
2341	PixCell HemoScreen	0.4 l/l	9 %	0.4 - 0.4	33		30 (90.91%)
Hemoglobin HS							
2340	PixCell HemoScreen	173.9 g/l	9 %	158.2 - 189.5	33		30 (90.91%)
Leucocytes HS							
2343	PixCell HemoScreen	8.58 G/l	25 %	6.43 - 10.72	32		30 (93.75%)
Lymphocytes HS							
2346	PixCell ALT	2.26 G/l	25 %	1.69 - 2.82	1		1 (100.00%)
Trombocytes HS							
2344	PixCell HemoScreen	236.2 G/l	25 %	177.1 - 295.2	31		31 (100.00%)
H13 Cell number BF							
Erythrocytes BF							
3066	Sysmex	24.973 G/l	40 %	14.984 - 34.962	27		27 (100.00%)
3184	Blood Bank mode	25.000 G/l	40 %	15.000 - 35.000	3		2 (66.67%)
Leucocytes BF							
3065	Sysmex	0.070 G/l	40 %	0.042 - 0.097	28		26 (92.86%)
3183	Blood Bank mode	0.068 G/l	40 %	0.041 - 0.096	2		2 (100.00%)

		Target Value	Toleranz		Numbre	Conform
H13 Cell number BF						
Mononuclear cells (MN)						
3068	Sysmex	0.050 G/l	40 %	0.010 - 0.090	27	27 (100.00%)
Polynuclear cells (PMN)						
3069	Sysmex	0.025 G/l	40 %	0.005 - 0.045	27	23 (85.19%)
Total cells (TC)						
3067	Sysmex	0.069 G/l	40 %	0.041 - 0.096	25	23 (92.00%)
H15 BSR iSED/miniSED						
Erythrocyte sedimentation rate						
2887	miniSed	13 mm/h	40 %	8 - 19	23	18 (78.26%)
I01 CRP						
CRP						
2060	Autolyser	73.3 mg/l	21 %	57.9 - 88.7	12	9 (75.00%)
1036	Fuji Dri-Chem	69.6 mg/l	21 %	55.0 - 84.2	11	10 (90.91%)
1191	Eurolyser	96.1 mg/l	21 %	76.0 - 116.3	49	38 (77.55%)
1583	Quick Read go	77.3 mg/l	21 %	61.1 - 93.5	83	76 (91.57%)
165	NycoCard SingleTest-Plasma	70.6 mg/l	21 %	55.8 - 85.4	39	30 (76.92%)
1153	Afinion	73.4 mg/l	21 %	58.0 - 88.8	1003	996 (99.30%)
161	Turbidimetrie	73.1 mg/l	21 %	57.7 - 88.4	3	3 (100.00%)
1700	Cobas	75.4 mg/l	21 %	59.6 - 91.3	45	45 (100.00%)
2102	Piccolo	90.0 mg/l	21 %	71.1 - 108.9	3	3 (100.00%)
163	Siemens	71.4 mg/l	21 %	56.4 - 86.4	9	9 (100.00%)
2357	Cobas b101	66.5 mg/l	21 %	52.5 - 80.4	457	452 (98.91%)
162	Nephelometrie	66.0 mg/l	21 %	52.2 - 79.9	2	2 (100.00%)
CRP						
230	QuikRead (Vollblut)	133.3 mg/l	21 %	105.3 - 161.3	9	9 (100.00%)
CRP						
164	andere Methoden	80.2 mg/l	21 %	63.3 - 97.0	5	5 (100.00%)
1548	AQT 90 FLEX	77.0 mg/l	21 %	60.8 - 93.2	4	4 (100.00%)
2416	Beckman	78.8 mg/l	21 %	62.3 - 95.4	4	3 (75.00%)
2415	Abbott	76.3 mg/l	21 %	60.3 - 92.4	8	8 (100.00%)
2414	Spinit	60.9 mg/l	21 %	48.1 - 73.7	5	4 (80.00%)
1458	Spotchem D-Concept	79.2 mg/l	21 %	62.5 - 95.8	5	5 (100.00%)
I02 Plasmaproteins						
Alpha-1-acid Glycoprotein						
385	Alle Methoden	0.73 g/l	25 %	0.55 - 0.91	2	2 (100.00%)
Alpha-1-Antitrypsin						
3150	Roche	1.33 g/l	25 %	1.00 - 1.66	5	5 (100.00%)
3149	Abbott	1.27 g/l	25 %	0.95 - 1.59	3	3 (100.00%)
1126	Siemens	1.42 g/l	25 %	1.06 - 1.77	5	5 (100.00%)
Anti-CCP						
3096	Alle Methoden	41.00 U/ml	35 %	26.65 - 55.35	1	1 (100.00%)
3176	Roche	8.00 U/ml	35 %	5.20 - 10.80	3	3 (100.00%)

		Target Value	Toleranz		Numbre	Conform
I02 Plasmaproteins						
Anti-Streptolysin-Antibodies						
3151	Abbott	101 kIU/l	25 %	76 - 126	3	3 (100.00%)
3152	Roche	128 kIU/l	25 %	96 - 160	12	12 (100.00%)
386	andere Methoden	122 kIU/l	25 %	92 - 153	1	1 (100.00%)
Beta-2 microglobuline						
3155	Roche	2.12 mg/l	25 %	1.59 - 2.65	7	7 (100.00%)
2655	Liaison	2.17 mg/l	25 %	1.63 - 2.72	4	4 (100.00%)
3154	Abbott	2.21 mg/l	25 %	1.65 - 2.76	2	2 (100.00%)
C1-Inhibitor						
2668	Alle Methoden	0.341 g/l	21 %	0.269 - 0.413	1	1 (100.00%)
Ceruloplasmin						
2440	Siemens	359.00 mg/l	25 %	269.25 - 448.755		5 (100.00%)
3156	Abbott	350.00 mg/l	25 %	262.50 - 437.503		3 (100.00%)
3157	Roche	256.67 mg/l	25 %	192.50 - 320.835		5 (100.00%)
Complement C3						
3116	Roche	1.84 g/l	15 %	1.56 - 2.12	8	8 (100.00%)
3115	Abbott	1.74 g/l	15 %	1.48 - 2.00	3	3 (100.00%)
3117	Siemens	1.81 g/l	15 %	1.54 - 2.09	5	5 (100.00%)
387	andere Methoden	1.75 g/l	15 %	1.49 - 2.01	3	3 (100.00%)
2662	Beckman	1.75 g/l	15 %	1.48 - 2.01	2	2 (100.00%)
Complement C4						
3119	Roche	0.28 g/l	15 %	0.24 - 0.32	7	7 (100.00%)
2686	Alinity	0.33 g/l	15 %	0.28 - 0.38	4	4 (100.00%)
3120	Siemens	0.34 g/l	15 %	0.29 - 0.39	5	5 (100.00%)
388	andere Methoden	0.29 g/l	15 %	0.25 - 0.33	4	4 (100.00%)
free light chain kappa						
2761	N Latex	8.44 mg/l	30 %	5.91 - 10.97	7	7 (100.00%)
2273	Freelite	17.23 mg/l	30 %	12.06 - 22.40	15	15 (100.00%)
free light chain lambda						
2762	N Latex	8.73 mg/l	30 %	6.11 - 11.34	7	7 (100.00%)
2274	Freelite	15.10 mg/l	30 %	10.57 - 19.64	15	15 (100.00%)
free light chain total kappa						
2653	Alle Methoden	2.96 g/l	20 %	2.37 - 3.55	1	1 (100.00%)
free light chain total lambda						
2654	Alle Methoden	1.45 g/l	20 %	1.15 - 1.75	1	1 (100.00%)
Haptoglobin						
3159	Roche	1.56 g/l	25 %	1.17 - 1.95	24	24 (100.00%)
3158	Abbott	1.60 g/l	25 %	1.20 - 2.01	4	4 (100.00%)
3160	Siemens	1.64 g/l	25 %	1.23 - 2.05	3	3 (100.00%)
389	andere Methoden	1.58 g/l	25 %	1.19 - 1.98	1	1 (100.00%)
IgA						
171	andere Methoden	2.52 g/l	15 %	2.14 - 2.90	3	3 (100.00%)
3161	Abbott	2.58 g/l	15 %	2.19 - 2.96	4	4 (100.00%)
170	Nephelometrie	2.70 g/l	15 %	2.29 - 3.11	2	2 (100.00%)

		Target Value	Toleranz		Numbre	Conform
I02 Plasmaproteins						
IgA						
3162	Roche	2.57 g/l	15 %	2.19 - 2.96	15	15 (100.00%)
3163	Siemens	2.69 g/l	15 %	2.29 - 3.10	6	6 (100.00%)
IgE						
3164	Abbott	103 kU/L	30 %	72 - 134	1	1 (100.00%)
392	andere Methoden	89 kU/L	30 %	62 - 116	2	2 (100.00%)
843	Roche	134 kU/L	30 %	93 - 174	4	4 (100.00%)
1886	Phadia	144 kU/L	30 %	101 - 187	2	2 (100.00%)
IgG						
3166	Roche	13.36 g/l	15 %	11.36 - 15.36	17	17 (100.00%)
3165	Abbott	13.60 g/l	15 %	11.56 - 15.64	2	2 (100.00%)
166	Siemens	13.43 g/l	15 %	11.42 - 15.45	9	9 (100.00%)
167	andere Methoden	11.64 g/l	15 %	9.89 - 13.39	2	2 (100.00%)
IgM						
176	Turbidimetrie	1.26 g/l	15 %	1.07 - 1.45	5	5 (100.00%)
174	Siemens	1.28 g/l	15 %	1.09 - 1.47	8	8 (100.00%)
833	Roche	1.23 g/l	15 %	1.05 - 1.42	15	15 (100.00%)
Prealbumin						
1007	Alle Methoden	255.00 mg/l	25 %	191.25 - 318.753		3 (100.00%)
3170	Siemens	231.30 mg/l	25 %	173.48 - 289.133		3 (100.00%)
3169	Roche	230.00 mg/l	25 %	172.50 - 287.5010		10 (100.00%)
3168	Abbott	240.50 mg/l	25 %	180.38 - 300.632		2 (100.00%)
Rheumatoid factor						
2439	Siemens	31.7 U/ml	25 %	23.8 - 39.7	3	3 (100.00%)
3171	Roche	30.9 U/ml	25 %	23.2 - 38.7	15	15 (100.00%)
2422	Abbott	37.1 U/ml	25 %	27.9 - 46.4	4	4 (100.00%)
1948	andere Methoden	20.6 U/ml	25 %	16.5 - 24.8	1	1 (100.00%)
Soluble transferrin receptor						
2289	Siemens	1.6 mg/l	25 %	1.2 - 2.0	2	2 (100.00%)
3167	Roche	3.8 mg/l	25 %	2.8 - 4.7	16	16 (100.00%)
1988	andere Methoden	4.0 mg/l	25 %	3.0 - 4.9	1	1 (100.00%)
Transferrin						
3173	Roche	2.62 g/l	25 %	1.96 - 3.27	25	25 (100.00%)
3172	Abbott	2.63 g/l	25 %	1.97 - 3.28	5	5 (100.00%)
3174	Siemens	2.56 g/l	25 %	1.92 - 3.20	5	5 (100.00%)
390	andere Methoden	2.68 g/l	25 %	2.01 - 3.35	4	4 (100.00%)
I03 Allergology						
885	Alle Methoden	587 kU/L	30 %	411 - 763	14	14 (100.00%)
Birch rBet v1 (t215) qn						
2276	Alle Methoden	14 kU/L	30 %	10 - 18	1	1 (100.00%)

		Target Value	Toleranz		Numbre	Conform
I03 Allergy						
Birch rBet v2/4 (t221) qn						
2278	Alle Methoden	1 kU/L	30 %	1 - 2	1	1 (100.00%)
IgE birch qn						
807	Alle Methoden	14.59 kU/L	30 %	10.21 - 18.96	14	14 (100.00%)
IgE cat qn						
809	Alle Methoden	8.34 kU/L	30 %	5.84 - 10.85	13	12 (92.31%)
IgE D. pteronyssinus qn						
2732	Alle Methoden	1.89 kU/L	30 %	1.32 - 2.45	11	11 (100.00%)
IgE fx5 qn						
889	Alle Methoden	58.15 kU/L	30 %	40.70 - 75.59	8	8 (100.00%)
IgE peanut qn						
805	Alle Methoden	58.92 kU/L	30 %	41.24 - 76.59	13	13 (100.00%)
IgE rx1qn						
891	Alle Methoden	7.31 kU/L	30 %	5.12 - 9.51	7	6 (85.71%)
IgE rx2 qn						
893	Alle Methoden	8.56 kU/L	30 %	6.00 - 11.13	7	7 (100.00%)
IgE sx1 qn						
887	Alle Methoden	18.53 kU/L	30 %	12.97 - 24.09	9	9 (100.00%)
I05 CRP/Lp (a)						
Apolipoprotein A1						
2880	Alinity	0.87 g/l	30 %	0.61 - 1.13	7	7 (100.00%)
Apolipoprotein B						
2881	Alinity	1.0 g/l	30 %	0.7 - 1.3	7	7 (100.00%)
CRP HS						
1556	Turbidimetrie	1.30 mg/l	21 %	-0.70 - 3.30	7	6 (85.71%)
1559	Eurolyser	1.30 mg/l	21 %	-0.70 - 3.30	1	1 (100.00%)
Lipoprotein (a)						
1835	Roche	20 nmol/l	25 %	15 - 25	15	15 (100.00%)
1791	Andere	31 nmol/l	25 %	23 - 39	3	3 (100.00%)
I07 CRP WB						
CRP						
2178	AFIAS	14.3 mg/l	21 %	11.3 - 17.2	238	224 (94.12%)
I10 celiac disease						
Anti deam. Gliadin IgA						
2727	Phadia	17.00 U/ml	30 %	11.90 - 22.10	7	7 (100.00%)
2591	andere Methoden	34.30 U/ml	30 %	24.01 - 44.59	1	1 (100.00%)
Anti deam. Gliadin IgG						
2688	IDS	30.75 U/ml	30 %	21.52 - 39.98	2	2 (100.00%)
2728	Phadia	11.67 U/ml	30 %	8.17 - 15.17	7	7 (100.00%)
Anti tTG IgA						
2593	andere Methoden	128.00 U/ml	30 %	89.60 - 166.40	8	6 (75.00%)
2691	IDS	200.00 U/ml	30 %	140.00 - 260.00	2	2 (100.00%)

		Target Value	Toleranz		Numbre	Conform
I10 celiac disease						
Anti tTG IgG						
2592	andere Methoden	110.50 U/ml	30 %	77.35 - 143.65	4	3 (75.00%)
I11 CRP Lumira						
CRP Lumira						
2737	Lumira Dx	29.0 mg/l	21 %	22.9 - 35.1	10	9 (90.00%)
K01 Clinical Chemistry						
Alanine aminotransferase						
76	Vitros	127 U/l	18 %	104 - 149	6	6 (100.00%)
79	Reflotron	123 U/l	18 %	101 - 145	1	1 (100.00%)
2114	Skyla	107 U/l	18 %	87 - 126	5	5 (100.00%)
1578	Piccolo	105 U/l	18 %	86 - 124	65	60 (92.31%)
78	Spotchem SP-4430	109 U/l	18 %	89 - 128	130	130 (100.00%)
1018	Fuji Dri-Chem	121 U/l	18 %	99 - 142	1205	1183 (98.17%)
1637	Selectra Pro	126 U/l	18 %	104 - 149	14	14 (100.00%)
1343	Spotchem D-Concept	99 U/l	18 %	81 - 117	633	624 (98.58%)
80	Siemens	130 U/l	18 %	107 - 153	8	8 (100.00%)
1613	Roche	123 U/l	18 %	101 - 146	42	42 (100.00%)
98	Beckman	129 U/l	18 %	105 - 152	4	4 (100.00%)
75	Abbott	119 U/l	18 %	98 - 141	7	7 (100.00%)
77	Seamaty	142 U/l	18 %	116 - 167	12	12 (100.00%)
74	andere Methoden	142 U/l	18 %	116 - 167	5	5 (100.00%)
2039	Autolyser	121 U/l	18 %	99 - 143	22	22 (100.00%)
Albumine						
1616	Selectra Pro	37.0 g/l	12 %	32.6 - 41.4	10	10 (100.00%)
2111	Skyla	39.0 g/l	12 %	34.3 - 43.7	4	4 (100.00%)
1560	Piccolo	40.6 g/l	12 %	35.7 - 45.5	59	58 (98.31%)
234	Spotchem SP-4430	42.6 g/l	12 %	37.5 - 47.7	21	21 (100.00%)
1345	Spotchem D-Concept	45.0 g/l	12 %	39.6 - 50.4	230	227 (98.70%)
2046	Autolyser	37.8 g/l	12 %	33.3 - 42.4	9	9 (100.00%)
1020	Fuji Dri-Chem	44.0 g/l	12 %	38.8 - 49.3	257	256 (99.61%)
1592	Roche	38.0 g/l	12 %	33.5 - 42.6	36	36 (100.00%)
772	Beckman	35.9 g/l	12 %	31.6 - 40.2	3	3 (100.00%)
2894	Abbott	37.0 g/l	12 %	32.6 - 41.4	7	7 (100.00%)
233	Seamaty	37.4 g/l	12 %	32.9 - 41.9	10	10 (100.00%)
231	Turbidimetrie	35.4 g/l	12 %	31.1 - 39.6	8	8 (100.00%)
232	Vitros	35.9 g/l	12 %	31.6 - 40.2	5	5 (100.00%)
2338	Siemens	37.3 g/l	12 %	32.9 - 41.8	5	5 (100.00%)
Alkaline phosphatase						
17	andere Methoden	251 U/l	18 %	206 - 297	1	1 (100.00%)
13	Vitros	215 U/l	18 %	176 - 253	5	5 (100.00%)
2112	Skyla	226 U/l	18 %	185 - 267	5	5 (100.00%)
1428	Piccolo	241 U/l	18 %	198 - 285	46	46 (100.00%)
15	Spotchem SP-4430	173 U/l	18 %	142 - 204	78	75 (96.15%)

		Target Value	Toleranz		Numbre	Conform
K01 Clinical Chemistry						
Alkaline phosphatase						
1346	Spotchem D-Concept	187 U/l	18 %	153 - 220	560	554 (98.93%)
1013	Fuji Dri-Chem	192 U/l	18 %	157 - 226	1067	1055 (98.88%)
1617	Selectra Pro	261 U/l	18 %	214 - 308	13	13 (100.00%)
1366	Siemens	209 U/l	18 %	171 - 247	8	8 (100.00%)
1593	Roche	205 U/l	18 %	168 - 242	40	40 (100.00%)
1132	Beckman	253 U/l	18 %	207 - 298	4	4 (100.00%)
117	Abbott	240 U/l	18 %	197 - 284	7	7 (100.00%)
729	Seamaty	165 U/l	18 %	135 - 194	12	12 (100.00%)
1977	Autolyser	217 U/l	18 %	178 - 256	22	22 (100.00%)
Amylase						
1618	Selectra Pro	245 U/l	18 %	201 - 289	9	8 (88.89%)
2113	Skyla	432 U/l	18 %	354 - 509	2	2 (100.00%)
1582	Piccolo	190 U/l	18 %	155 - 224	53	50 (94.34%)
122	Spotchem SP-4430	339 U/l	18 %	278 - 400	53	49 (92.45%)
1347	Spotchem D-Concept	320 U/l	18 %	263 - 378	392	385 (98.21%)
1014	Fuji Dri-Chem	307 U/l	18 %	252 - 362	744	733 (98.52%)
2041	Autolyser	283 U/l	18 %	232 - 334	10	10 (100.00%)
124	Beckman	315 U/l	18 %	258 - 372	2	2 (100.00%)
1595	Roche	298 U/l	18 %	245 - 352	18	18 (100.00%)
127	Siemens	342 U/l	18 %	280 - 403	2	2 (100.00%)
2279	Abbott	318 U/l	18 %	260 - 375	5	5 (100.00%)
118	Seamaty	286 U/l	18 %	235 - 337	6	6 (100.00%)
119	andere Methoden	301 U/l	18 %	247 - 355	3	3 (100.00%)
120	Vitros	203 U/l	18 %	166 - 240	4	4 (100.00%)
Aspartate aminotransferase						
72	Reflotron	176 U/l	18 %	144 - 208	1	1 (100.00%)
2115	Skyla	172 U/l	18 %	141 - 203	5	5 (100.00%)
1577	Piccolo	151 U/l	18 %	124 - 178	67	66 (98.51%)
71	Spotchem SP-4430	141 U/l	18 %	115 - 166	130	127 (97.69%)
1344	Spotchem D-Concept	154 U/l	18 %	127 - 182	628	622 (99.04%)
1017	Fuji Dri-Chem	161 U/l	18 %	132 - 190	1183	1158 (97.89%)
1636	Selectra Pro	166 U/l	18 %	136 - 196	14	14 (100.00%)
2040	Autolyser	154 U/l	18 %	126 - 181	22	22 (100.00%)
73	Siemens	186 U/l	18 %	152 - 219	8	8 (100.00%)
1612	Roche	176 U/l	18 %	144 - 208	42	41 (97.62%)
97	Beckman	182 U/l	18 %	149 - 214	4	4 (100.00%)
68	Abbott	182 U/l	18 %	150 - 215	7	7 (100.00%)
70	Seamaty	180 U/l	18 %	147 - 212	12	12 (100.00%)
67	andere Methoden	176 U/l	18 %	144 - 208	1	1 (100.00%)
69	Vitros	191 U/l	18 %	156 - 225	5	5 (100.00%)
Bilirubin						
1561	Piccolo	69.4 µmol/l	18 %	56.9 - 81.9	55	53 (96.36%)
2125	Skyla	76.6 µmol/l	18 %	62.8 - 90.4	5	5 (100.00%)

		Target Value	Toleranz		Numbre	Conform
K01 Clinical Chemistry						
Bilirubin						
21	Spotchem SP-4430	70.6 µmol/l	18 %	57.9 - 83.3	65	61 (93.85%)
1348	Spotchem D-Concept	68.7 µmol/l	18 %	56.3 - 81.0	442	432 (97.74%)
1028	Fuji Dri-Chem	68.2 µmol/l	18 %	55.9 - 80.4	877	847 (96.58%)
1619	Selectra Pro	66.6 µmol/l	18 %	54.6 - 78.6	15	12 (80.00%)
270	Seamaty	71.7 µmol/l	18 %	58.8 - 84.6	10	10 (100.00%)
20	Siemens	78.4 µmol/l	18 %	64.3 - 92.5	8	8 (100.00%)
1596	Roche	66.5 µmol/l	18 %	54.5 - 78.5	40	39 (97.50%)
1429	Beckman	73.1 µmol/l	18 %	59.9 - 86.3	4	3 (75.00%)
18	Abbott	69.8 µmol/l	18 %	57.2 - 82.3	6	6 (100.00%)
19	Vitros	81.1 µmol/l	18 %	66.5 - 95.7	5	5 (100.00%)
2047	Autolyser	73.9 µmol/l	18 %	60.6 - 87.3	19	19 (100.00%)
Bilirubin direct						
1706	Piccolo	32.0 µmol/l	18 %	26.2 - 37.8	1	1 (100.00%)
1139	Fuji Dri-Chem	32.7 µmol/l	18 %	26.8 - 38.6	24	20 (83.33%)
3061	Siemens	32.3 µmol/l	18 %	26.4 - 38.1	2	2 (100.00%)
3147	Vitros	30.1 µmol/l	18 %	24.7 - 35.5	4	4 (100.00%)
2048	andere Methoden	37.4 µmol/l	18 %	30.7 - 44.1	16	16 (100.00%)
Calcium						
1620	Selectra Pro	2.78 mmol/l	9 %	2.53 - 3.03	3	3 (100.00%)
2117	Skyla	2.84 mmol/l	9 %	2.58 - 3.09	3	3 (100.00%)
1562	Piccolo	2.83 mmol/l	9 %	2.57 - 3.08	47	46 (97.87%)
102	Spotchem SP-4430	2.51 mmol/l	9 %	2.28 - 2.73	11	10 (90.91%)
1349	Spotchem D-Concept	2.14 mmol/l	9 %	1.94 - 2.33	63	58 (92.06%)
2049	Autolyser	2.75 mmol/l	9 %	2.50 - 3.00	8	8 (100.00%)
1022	Fuji Dri-Chem	2.89 mmol/l	9 %	2.63 - 3.15	248	235 (94.76%)
1597	Roche	2.79 mmol/l	9 %	2.54 - 3.04	41	41 (100.00%)
352	Siemens	2.82 mmol/l	9 %	2.57 - 3.08	7	7 (100.00%)
283	Beckman	2.75 mmol/l	9 %	2.50 - 2.99	4	4 (100.00%)
99	Abbott	2.72 mmol/l	9 %	2.47 - 2.96	7	7 (100.00%)
103	andere Methoden	2.69 mmol/l	9 %	2.45 - 2.93	1	1 (100.00%)
100	Vitros	2.76 mmol/l	9 %	2.51 - 3.01	5	5 (100.00%)
Calcium ISE						
351	ISE direkt	1.23 mmol/l	12 %	1.08 - 1.38	3	3 (100.00%)
1463	iStat Chem8	1.09 mmol/l	12 %	0.96 - 1.22	9	9 (100.00%)
Chloride						
1462	iStat Chem8	116 mmol/l	6 %	109 - 123	9	9 (100.00%)
3051	Exias	110 mmol/l	6 %	104 - 117	40	36 (90.00%)
2118	Skyla	114 mmol/l	6 %	107 - 120	7	7 (100.00%)
1563	Piccolo	110 mmol/l	6 %	103 - 116	21	21 (100.00%)
768	Spotchem EL-SE 1520	122 mmol/l	6 %	115 - 130	52	47 (90.38%)
1340	Spotchem D-Concept	118 mmol/l	6 %	111 - 125	429	418 (97.44%)
1035	Fuji Dri-Chem	110 mmol/l	6 %	103 - 116	982	961 (97.86%)
1621	Selectra Pro	103 mmol/l	6 %	97 - 109	1	1 (100.00%)

		Target Value	Toleranz		Numbre	Conform
K01 Clinical Chemistry						
Chloride						
235	Siemens	109 mmol/l	6 %	102 - 116	8	8 (100.00%)
1598	Roche	107 mmol/l	6 %	100 - 113	30	30 (100.00%)
310	Beckman	105 mmol/l	6 %	99 - 112	3	3 (100.00%)
349	Abbott	108 mmol/l	6 %	102 - 115	7	7 (100.00%)
236	Vitros	112 mmol/l	6 %	105 - 118	3	3 (100.00%)
1645	andere Methoden	103 mmol/l	6 %	96 - 109	3	3 (100.00%)
Cholesterin HDL						
825	Cholestech LDX	1.08 mmol/l	21 %	0.85 - 1.31	235	226 (96.17%)
316	Reflotron	0.94 mmol/l	21 %	0.74 - 1.14	1	1 (100.00%)
2130	Skyla	1.45 mmol/l	21 %	1.15 - 1.75	1	1 (100.00%)
1565	Piccolo	1.19 mmol/l	21 %	0.94 - 1.44	19	19 (100.00%)
319	Spotchem SP-4430	0.83 mmol/l	21 %	0.65 - 1.00	70	69 (98.57%)
1350	Spotchem D-Concept	0.94 mmol/l	21 %	0.74 - 1.14	468	454 (97.01%)
1025	Fuji Dri-Chem	1.31 mmol/l	21 %	1.04 - 1.59	988	975 (98.68%)
2270	Selectra Pro	1.24 mmol/l	21 %	0.98 - 1.50	11	11 (100.00%)
321	Beckman	1.52 mmol/l	21 %	1.20 - 1.84	3	3 (100.00%)
1861	Dimension	1.40 mmol/l	21 %	1.10 - 1.69	3	3 (100.00%)
1600	Roche	0.94 mmol/l	21 %	0.74 - 1.14	32	32 (100.00%)
2480	Abbott	1.24 mmol/l	21 %	0.98 - 1.50	7	7 (100.00%)
318	Seamaty	1.13 mmol/l	21 %	0.90 - 1.37	10	10 (100.00%)
3131	Siemens	1.32 mmol/l	21 %	1.04 - 1.60	6	6 (100.00%)
317	Vitros	1.20 mmol/l	21 %	0.95 - 1.45	3	2 (66.67%)
2051	Autolyser	1.54 mmol/l	21 %	1.22 - 1.87	22	21 (95.45%)
Cholesterol LDL						
2184	Dimension	5.3 mmol/l	18 %	4.3 - 6.3	1	1 (100.00%)
1684	Selectra	3.1 mmol/l	18 %	2.6 - 3.7	3	3 (100.00%)
1976	Autolyser	3.5 mmol/l	18 %	2.9 - 4.2	10	10 (100.00%)
1426	Roche, Cobas	3.8 mmol/l	18 %	3.1 - 4.5	25	25 (100.00%)
999	Abbott	3.6 mmol/l	18 %	2.9 - 4.2	8	8 (100.00%)
3298	Siemens	3.5 mmol/l	18 %	2.8 - 4.1	3	3 (100.00%)
2182	Beckman	3.7 mmol/l	18 %	3.0 - 4.3	2	2 (100.00%)
Cholesterol total						
27	Spotchem SP-4430	5.26 mmol/l	10 %	4.73 - 5.78	76	75 (98.68%)
1669	Hitachi S40/M40	5.86 mmol/l	10 %	5.27 - 6.45	2	2 (100.00%)
823	Cholestech LDX	5.56 mmol/l	10 %	5.00 - 6.11	235	219 (93.19%)
28	Reflotron	5.62 mmol/l	10 %	5.06 - 6.18	2	2 (100.00%)
2126	Skyla	5.91 mmol/l	10 %	5.32 - 6.50	3	3 (100.00%)
1564	Piccolo	5.70 mmol/l	10 %	5.13 - 6.27	21	21 (100.00%)
29	andere Methoden	5.20 mmol/l	10 %	4.68 - 5.72	5	5 (100.00%)
1351	Spotchem D-Concept	5.30 mmol/l	10 %	4.77 - 5.84	481	467 (97.09%)
3026	Siemens	5.97 mmol/l	10 %	5.37 - 6.56	7	7 (100.00%)
1622	Selectra Pro	5.97 mmol/l	10 %	5.38 - 6.57	12	11 (91.67%)
2050	Autolyser	5.86 mmol/l	10 %	5.27 - 6.44	22	22 (100.00%)

		Target Value	Toleranz		Numbre	Conform
K01 Clinical Chemistry						
Cholesterol total						
1599	Roche	5.78 mmol/l	10 %	5.20 - 6.35	35	35 (100.00%)
3025	Beckman	5.92 mmol/l	10 %	5.33 - 6.51	3	3 (100.00%)
24	Abbott	5.86 mmol/l	10 %	5.28 - 6.45	7	7 (100.00%)
26	Seamaty	6.28 mmol/l	10 %	5.65 - 6.90	10	10 (100.00%)
25	Vitros	5.73 mmol/l	10 %	5.16 - 6.31	3	3 (100.00%)
1029	Fuji Dri-Chem	5.50 mmol/l	10 %	4.95 - 6.04	1017	978 (96.17%)
Creatine kinase						
2119	Skyla	459 U/l	18 %	376 - 542	1	1 (100.00%)
1566	Piccolo	412 U/l	18 %	337 - 486	21	20 (95.24%)
108	Spotchem SP-4430	412 U/l	18 %	338 - 487	30	29 (96.67%)
1358	Spotchem D-Concept	350 U/l	18 %	287 - 413	323	319 (98.76%)
1016	Fuji Dri-Chem	469 U/l	18 %	384 - 553	693	675 (97.40%)
1624	Selectra Pro	404 U/l	18 %	331 - 476	7	7 (100.00%)
2042	Autolyser	419 U/l	18 %	344 - 495	17	17 (100.00%)
2417	Siemens	395 U/l	18 %	324 - 466	7	7 (100.00%)
1601	Roche	404 U/l	18 %	331 - 477	37	37 (100.00%)
107	Beckman	419 U/l	18 %	343 - 494	4	4 (100.00%)
105	Abbott	426 U/l	18 %	350 - 503	7	7 (100.00%)
104	Seamaty	430 U/l	18 %	352 - 507	10	10 (100.00%)
110	andere Methoden	409 U/l	18 %	335 - 483	2	2 (100.00%)
106	Vitros	297 U/l	18 %	243 - 350	5	5 (100.00%)
Creatinine						
65	Reflotron	378 µmol/l	18 %	310 - 445	1	1 (100.00%)
1979	EPOC	372 µmol/l	18 %	305 - 439	14	12 (85.71%)
1975	Skyla	383 µmol/l	18 %	314 - 452	5	5 (100.00%)
1571	Piccolo	371 µmol/l	18 %	304 - 438	63	63 (100.00%)
64	Spotchem SP-4430	336 µmol/l	18 %	275 - 396	134	132 (98.51%)
1339	Spotchem D-Concept	316 µmol/l	18 %	259 - 373	638	632 (99.06%)
1023	Fuji Dri-Chem	356 µmol/l	18 %	292 - 420	1214	1183 (97.45%)
1630	Selectra Pro	379 µmol/l	18 %	310 - 447	15	15 (100.00%)
264	Seamaty	338 µmol/l	18 %	277 - 398	12	12 (100.00%)
265	Enzymatisch	385 µmol/l	18 %	315 - 454	3	3 (100.00%)
66	Siemens	378 µmol/l	18 %	310 - 446	8	8 (100.00%)
1607	Roche	363 µmol/l	18 %	297 - 428	40	40 (100.00%)
63	Beckman	370 µmol/l	18 %	303 - 437	4	4 (100.00%)
2931	Abbott	374 µmol/l	18 %	307 - 441	8	8 (100.00%)
62	Vitros	381 µmol/l	18 %	312 - 449	5	5 (100.00%)
1685	Autolyser	374 µmol/l	18 %	307 - 441	22	21 (95.45%)
Creatinine E						
1466	iStat Chem8	365 µmol/l	18 %	300 - 431	43	43 (100.00%)
1703	ABL700/800	372 µmol/l	18 %	305 - 440	16	15 (93.75%)

		Target Value	Toleranz		Numbre	Conform
K01 Clinical Chemistry						
eGFR CKD-EPI						
1830	nasschemisch	16	30 %	11 - 20	53	52 (98.11%)
2063	Fuji Dri-Chem	16	30 %	11 - 21	396	359 (90.66%)
1831	Spotchem	19	30 %	13 - 25	249	223 (89.56%)
eGFR Cockcroft-Gault						
1865	nasschemisch	21	30 %	14 - 27	2	2 (100.00%)
2065	Fuji Dri-Chem	21	30 %	15 - 28	33	30 (90.91%)
1867	Spotchem	23	30 %	16 - 29	8	7 (87.50%)
eGFR MDRD						
2067	Fuji Dri-Chem	17	30 %	12 - 22	5	4 (80.00%)
1866	nasschemisch	16	30 %	11 - 20	3	3 (100.00%)
1868	Spotchem	16	30 %	11 - 21	1	1 (100.00%)
Gamma-glutamyltransferase						
1354	Spotchem D-Concept	133 U/l	18 %	109 - 157	627	619 (98.72%)
42	andere Methoden	107 U/l	18 %	88 - 126	1	1 (100.00%)
41	Reflotron	107 U/l	18 %	88 - 126	1	1 (100.00%)
2120	Skyla	107 U/l	18 %	87 - 126	5	5 (100.00%)
1547	Piccolo	97 U/l	18 %	80 - 115	51	51 (100.00%)
40	Spotchem SP-4430	135 U/l	18 %	111 - 159	119	119 (100.00%)
1015	Fuji Dri-Chem	127 U/l	18 %	104 - 150	1181	1165 (98.65%)
1585	Cobas	107 U/l	18 %	87 - 126	41	41 (100.00%)
2061	Autolyser	107 U/l	18 %	88 - 126	22	22 (100.00%)
37	Siemens	114 U/l	18 %	93 - 134	8	8 (100.00%)
1586	Selectra Pro	112 U/l	18 %	91 - 132	13	12 (92.31%)
756	Beckman	108 U/l	18 %	89 - 127	4	4 (100.00%)
36	Abbott	117 U/l	18 %	96 - 138	7	7 (100.00%)
39	Seamaty	97 U/l	18 %	80 - 114	6	6 (100.00%)
38	Vitros	151 U/l	18 %	124 - 178	5	5 (100.00%)
Glucose						
1567	Piccolo	12.7 mmol/l	9 %	11.5 - 13.8	66	66 (100.00%)
47	Reflotron	12.7 mmol/l	9 %	11.5 - 13.8	2	2 (100.00%)
1464	iStat Chem8	11.4 mmol/l	9 %	10.4 - 12.4	9	9 (100.00%)
2886	Cobas Pulse	11.9 mmol/l	9 %	10.9 - 13.0	282	280 (99.29%)
48	andere Methoden	12.8 mmol/l	9 %	11.7 - 14.0	4	3 (75.00%)
46	Spotchem SP-4430	12.2 mmol/l	9 %	11.1 - 13.3	94	88 (93.62%)
1355	Spotchem D-Concept	12.1 mmol/l	9 %	11.0 - 13.2	586	555 (94.71%)
822	Cholestech LDX	12.2 mmol/l	9 %	11.1 - 13.3	231	211 (91.34%)
1626	Selectra Pro	13.5 mmol/l	9 %	12.2 - 14.7	13	12 (92.31%)
1024	Fuji Dri-Chem	11.4 mmol/l	9 %	10.4 - 12.5	1115	1101 (98.74%)
44	Vitros	12.4 mmol/l	9 %	11.3 - 13.5	5	5 (100.00%)
274	Seamaty	13.1 mmol/l	9 %	11.9 - 14.3	12	12 (100.00%)
43	Abbott	12.8 mmol/l	9 %	11.6 - 14.0	8	8 (100.00%)
1650	Beckman	12.8 mmol/l	9 %	11.7 - 14.0	4	4 (100.00%)
1603	Roche	12.8 mmol/l	9 %	11.7 - 14.0	45	45 (100.00%)

		Target Value	Toleranz		Numbre	Conform
K01 Clinical Chemistry						
Glucose						
45	Siemens	12.7 mmol/l	9 %	11.6 - 13.8	7	7 (100.00%)
2053	Autolyser	12.3 mmol/l	9 %	11.2 - 13.4	20	18 (90.00%)
Glucose						
1688	Statstrip/Xpress	11.0 mmol/l	9 %	10.0 - 12.0	106	105 (99.06%)
961	FreeStyle Precision Neo	14.2 mmol/l	9 %	12.9 - 15.5	2	2 (100.00%)
1242	Hemocue 201+ P-equiv	13.7 mmol/l	9 %	12.5 - 14.9	150	143 (95.33%)
1719	Hemocue 201RT P-equiv	13.7 mmol/l	9 %	12.5 - 14.9	145	141 (97.24%)
985	CardioChek	19.0 mmol/l	9 %	17.3 - 20.7	3	3 (100.00%)
1281	Freestyle Freedom lite	14.7 mmol/l	9 %	13.4 - 16.0	2	2 (100.00%)
1768	Sanofi BG Star	18.9 mmol/l	9 %	17.2 - 20.7	2	2 (100.00%)
1455	Glucocard	18.2 mmol/l	9 %	16.6 - 19.9	7	3 (42.86%)
2651	Accu-Chek Instant	12.1 mmol/l	9 %	11.0 - 13.2	134	121 (90.30%)
998	Accu-Chek Aviva	13.8 mmol/l	9 %	12.6 - 15.1	94	87 (92.55%)
1467	Accu-Chek Inform 2	14.3 mmol/l	9 %	13.0 - 15.6	929	927 (99.78%)
2186	Accu-Check Guide	12.0 mmol/l	9 %	10.9 - 13.1	365	356 (97.53%)
1698	Contour NEXT/XT	12.5 mmol/l	9 %	11.4 - 13.7	1505	1468 (97.54%)
2121	Skyla	13.2 mmol/l	9 %	12.0 - 14.4	5	5 (100.00%)
Glucose B						
1863	Alpha Check	14.2 mmol/l	9 %	12.9 - 15.5	14	12 (85.71%)
1430	mylife Pura	15.3 mmol/l	9 %	14.0 - 16.7	34	32 (94.12%)
1777	Mylife UNIO	14.4 mmol/l	9 %	13.1 - 15.7	112	112 (100.00%)
774	OneTouch Verio	12.7 mmol/l	9 %	11.5 - 13.8	30	29 (96.67%)
1156	Contour 2 (5s)	10.4 mmol/l	9 %	9.5 - 11.3	6	6 (100.00%)
1584	Healthpro	21.4 mmol/l	9 %	19.5 - 23.3	24	19 (79.17%)
Iron						
237	Abbott	37 µmol/l	20 %	30 - 44	6	6 (100.00%)
238	Beckman	39 µmol/l	20 %	31 - 46	3	3 (100.00%)
1602	Roche	36 µmol/l	20 %	29 - 43	24	24 (100.00%)
239	Siemens	35 µmol/l	20 %	28 - 42	4	4 (100.00%)
1625	Selectra Pro	38 µmol/l	20 %	30 - 45	1	0 (0.00%)
Lactate						
3058	Abbott	4.79 mmol/l	18 %	3.93 - 5.65	3	3 (100.00%)
1192	Roche	4.66 mmol/l	18 %	3.82 - 5.50	17	17 (100.00%)
3059	andere Methoden	4.60 mmol/l	18 %	3.77 - 5.43	9	9 (100.00%)
LDH						
1019	Fuji Dri-Chem	251 U/l	18 %	206 - 296	107	103 (96.26%)
1572	Piccolo	249 U/l	18 %	204 - 294	1	1 (100.00%)
244	Spotchem SP-4430	213 U/l	18 %	174 - 251	12	11 (91.67%)
1359	Spotchem D-Concept	230 U/l	18 %	189 - 271	40	39 (97.50%)
1631	Selectra Pro	304 U/l	18 %	249 - 359	1	1 (100.00%)
261	Abbott	281 U/l	18 %	230 - 331	8	8 (100.00%)
241	Siemens	296 U/l	18 %	243 - 350	7	7 (100.00%)
1608	Roche	302 U/l	18 %	248 - 356	38	38 (100.00%)

		Target Value	Toleranz		Numbre	Conform
K01 Clinical Chemistry						
LDH						
243	Beckman	289 U/l	18 %	237 - 341	3	3 (100.00%)
2043	Autolyser	316 U/l	18 %	259 - 373	9	8 (88.89%)
242	Vitros	309 U/l	18 %	253 - 364	5	5 (100.00%)
Lithium						
1587	Abbott	1.43 mmol/l	15 %	1.22 - 1.64	3	3 (100.00%)
726	Roche	1.50 mmol/l	15 %	1.27 - 1.72	18	18 (100.00%)
3057	andere Methoden	1.56 mmol/l	15 %	1.33 - 1.80	3	3 (100.00%)
Magnesium						
323	Spotchem SP-4430	1.06 mmol/l	12 %	0.93 - 1.19	4	4 (100.00%)
1360	Spotchem D-Concept	1.16 mmol/l	12 %	1.02 - 1.29	34	34 (100.00%)
1027	Fuji Dri-Chem	1.48 mmol/l	12 %	1.30 - 1.65	62	59 (95.16%)
1632	Selectra Pro	1.35 mmol/l	12 %	1.19 - 1.51	1	1 (100.00%)
2054	Autolyser	1.37 mmol/l	12 %	1.21 - 1.53	2	2 (100.00%)
1573	Piccolo	1.33 mmol/l	12 %	1.17 - 1.49	2	2 (100.00%)
1609	Roche	1.36 mmol/l	12 %	1.20 - 1.53	34	34 (100.00%)
2153	Beckman	1.35 mmol/l	12 %	1.19 - 1.51	3	3 (100.00%)
245	Abbott	1.37 mmol/l	12 %	1.21 - 1.54	7	7 (100.00%)
3047	andere Methoden	1.40 mmol/l	12 %	1.23 - 1.57	1	0 (0.00%)
246	Vitros	1.31 mmol/l	12 %	1.15 - 1.47	4	4 (100.00%)
307	Siemens	1.40 mmol/l	12 %	1.23 - 1.57	8	8 (100.00%)
Pancreatic amylase						
228	Abbott	258 U/l	18 %	211 - 304	7	7 (100.00%)
1594	Roche	262 U/l	18 %	215 - 310	21	21 (100.00%)
287	Siemens	305 U/l	18 %	250 - 360	5	5 (100.00%)
2045	Autolyser	246 U/l	18 %	202 - 291	10	10 (100.00%)
Phosphate						
2124	Skyla	2.3 mmol/l	15 %	2.0 - 2.7	3	3 (100.00%)
1575	Piccolo	2.5 mmol/l	15 %	2.1 - 2.9	3	3 (100.00%)
3041	Spotchem SP-4430	2.0 mmol/l	15 %	1.7 - 2.3	1	1 (100.00%)
1361	Spotchem D-Concept	2.1 mmol/l	15 %	1.8 - 2.4	15	15 (100.00%)
1026	Fuji Dri-Chem	2.1 mmol/l	15 %	1.8 - 2.4	67	59 (88.06%)
324	Siemens	2.1 mmol/l	15 %	1.8 - 2.4	7	7 (100.00%)
1615	Roche	2.0 mmol/l	15 %	1.7 - 2.3	36	36 (100.00%)
309	Beckman	2.1 mmol/l	15 %	1.8 - 2.4	3	3 (100.00%)
250	Abbott	2.0 mmol/l	15 %	1.7 - 2.3	8	8 (100.00%)
251	Vitros	2.0 mmol/l	15 %	1.7 - 2.3	5	5 (100.00%)
2055	Autolyser	2.1 mmol/l	15 %	1.8 - 2.4	3	2 (66.67%)
Potassium						
1341	Spotchem D-Concept	5.06 mmol/l	6 %	4.76 - 5.36	544	530 (97.43%)
1461	iStat Chem8	5.57 mmol/l	6 %	5.23 - 5.90	12	12 (100.00%)
33	Reflotron	5.71 mmol/l	6 %	5.37 - 6.05	1	1 (100.00%)
3050	Exias	5.71 mmol/l	6 %	5.37 - 6.06	48	45 (93.75%)
2122	Skyla	7.25 mmol/l	6 %	6.82 - 7.68	2	2 (100.00%)

		Target Value	Toleranz		Numbre	Conform
K01 Clinical Chemistry						
Potassium						
1570	Piccolo	5.99 mmol/l	6 %	5.63 - 6.34	34	27 (79.41%)
767	Spotchem EL-SE 1520	5.01 mmol/l	6 %	4.71 - 5.31	70	64 (91.43%)
1034	Fuji Dri-Chem	5.66 mmol/l	6 %	5.32 - 6.00	1145	1125 (98.25%)
31	Vitros	5.70 mmol/l	6 %	5.36 - 6.05	5	5 (100.00%)
2478	Autolyser	6.33 mmol/l	6 %	5.95 - 6.72	6	5 (83.33%)
1653	andere Methoden	5.63 mmol/l	6 %	5.29 - 5.96	14	14 (100.00%)
2561	Imuchem / Simplex	5.60 mmol/l	6 %	5.26 - 5.94	1	1 (100.00%)
34	Abbott	5.63 mmol/l	6 %	5.30 - 5.97	7	7 (100.00%)
1629	Selectra Pro	6.03 mmol/l	6 %	5.67 - 6.39	3	3 (100.00%)
1606	Roche	5.71 mmol/l	6 %	5.37 - 6.05	40	40 (100.00%)
35	Siemens	5.55 mmol/l	6 %	5.22 - 5.88	7	7 (100.00%)
32	Beckman	5.60 mmol/l	6 %	5.26 - 5.94	4	4 (100.00%)
Protein total						
1576	Piccolo	59.2 g/l	12 %	52.1 - 66.3	46	46 (100.00%)
114	Spotchem SP-4430	58.7 g/l	12 %	51.6 - 65.7	21	20 (95.24%)
1362	Spotchem D-Concept	60.3 g/l	12 %	53.1 - 67.6	190	187 (98.42%)
1031	Fuji Dri-Chem	54.2 g/l	12 %	47.7 - 60.7	197	191 (96.95%)
1635	Selectra Pro	58.5 g/l	12 %	51.5 - 65.6	7	7 (100.00%)
2056	Autolyser	57.8 g/l	12 %	50.8 - 64.7	5	5 (100.00%)
2127	Skyla	62.7 g/l	12 %	55.1 - 70.2	5	5 (100.00%)
1611	Roche	57.8 g/l	12 %	50.8 - 64.7	37	37 (100.00%)
1659	Beckman	58.2 g/l	12 %	51.2 - 65.2	3	3 (100.00%)
111	Abbott	59.0 g/l	12 %	51.9 - 66.1	7	7 (100.00%)
113	Seamaty	58.6 g/l	12 %	51.6 - 65.6	8	8 (100.00%)
115	andere Methoden	58.0 g/l	12 %	51.0 - 65.0	1	1 (100.00%)
112	Vitros	56.3 g/l	12 %	49.5 - 63.0	5	5 (100.00%)
1680	Siemens	60.0 g/l	12 %	52.8 - 67.2	8	8 (100.00%)
Sodium						
1460	iStat Chem8	147 mmol/l	6 %	138 - 155	11	11 (100.00%)
3049	Exias	148 mmol/l	6 %	139 - 157	48	46 (95.83%)
2123	Skyla	148 mmol/l	6 %	139 - 157	2	2 (100.00%)
1574	Piccolo	146 mmol/l	6 %	138 - 155	31	31 (100.00%)
769	Spotchem EL-SE 1520	140 mmol/l	6 %	132 - 149	57	55 (96.49%)
1342	Spotchem D-Concept	143 mmol/l	6 %	135 - 152	476	472 (99.16%)
1033	Fuji Dri-Chem	152 mmol/l	6 %	143 - 161	1065	1052 (98.78%)
1633	Selectra Pro	152 mmol/l	6 %	143 - 161	1	1 (100.00%)
1610	Roche	148 mmol/l	6 %	139 - 156	40	40 (100.00%)
247	Beckman	145 mmol/l	6 %	136 - 154	5	5 (100.00%)
248	Abbott	148 mmol/l	6 %	139 - 157	7	7 (100.00%)
350	andere Methoden	145 mmol/l	6 %	136 - 154	1	1 (100.00%)
1657	Easy Electrolytes	152 mmol/l	6 %	143 - 161	12	12 (100.00%)
308	Siemens	148 mmol/l	6 %	139 - 156	8	8 (100.00%)
249	Vitros	152 mmol/l	6 %	143 - 161	5	5 (100.00%)

		Target Value	Toleranz		Numbre	Conform
K01 Clinical Chemistry						
Triglycerides						
824	Cholestech LDX	2.24 mmol/l	18 %	1.84 - 2.64	235	221 (94.04%)
1638	Selectra Pro	2.48 mmol/l	18 %	2.03 - 2.92	12	12 (100.00%)
2129	Skyla	2.40 mmol/l	18 %	1.97 - 2.83	1	1 (100.00%)
1579	Piccolo	2.73 mmol/l	18 %	2.24 - 3.22	20	20 (100.00%)
84	Spotchem SP-4430	1.90 mmol/l	18 %	1.56 - 2.24	72	69 (95.83%)
1363	Spotchem D-Concept	2.03 mmol/l	18 %	1.66 - 2.39	464	451 (97.20%)
1030	Fuji Dri-Chem	2.37 mmol/l	18 %	1.95 - 2.80	1001	955 (95.40%)
2057	Autolyser	2.20 mmol/l	18 %	1.80 - 2.59	23	23 (100.00%)
1614	Roche	2.30 mmol/l	18 %	1.88 - 2.71	35	35 (100.00%)
1662	Beckman	2.41 mmol/l	18 %	1.97 - 2.84	3	3 (100.00%)
2933	Abbott	2.25 mmol/l	18 %	1.84 - 2.65	7	7 (100.00%)
83	Seamaty	2.62 mmol/l	18 %	2.15 - 3.09	5	5 (100.00%)
86	andere Methoden	2.13 mmol/l	18 %	1.75 - 2.52	2	2 (100.00%)
82	Vitros	2.55 mmol/l	18 %	2.09 - 3.01	3	3 (100.00%)
81	Siemens	2.44 mmol/l	18 %	2.00 - 2.88	7	7 (100.00%)
Urea						
276	andere Methoden	26.7 mmol/l	15 %	22.7 - 30.7	4	4 (100.00%)
1465	iStat Chem8	26.2 mmol/l	15 %	22.3 - 30.1	7	7 (100.00%)
2116	Skyla	20.6 mmol/l	15 %	17.5 - 23.7	5	5 (100.00%)
1569	Piccolo	19.2 mmol/l	15 %	16.3 - 22.1	60	58 (96.67%)
58	Spotchem SP-4430	18.2 mmol/l	15 %	15.5 - 20.9	43	40 (93.02%)
1356	Spotchem D-Concept	17.9 mmol/l	15 %	15.2 - 20.6	333	306 (91.89%)
1021	Fuji Dri-Chem	20.1 mmol/l	15 %	17.1 - 23.1	657	650 (98.93%)
1627	Selectra Pro	19.3 mmol/l	15 %	16.4 - 22.2	11	11 (100.00%)
2059	Autolyser	19.7 mmol/l	15 %	16.7 - 22.6	17	17 (100.00%)
55	Siemens	19.6 mmol/l	15 %	16.6 - 22.5	9	9 (100.00%)
1604	Roche	19.0 mmol/l	15 %	16.1 - 21.8	39	39 (100.00%)
60	Beckman	19.5 mmol/l	15 %	16.6 - 22.5	3	3 (100.00%)
2932	Abbott	20.2 mmol/l	15 %	17.2 - 23.2	7	7 (100.00%)
57	Seamaty	17.5 mmol/l	15 %	14.9 - 20.1	12	12 (100.00%)
56	Vitros	18.2 mmol/l	15 %	15.4 - 20.9	9	9 (100.00%)
Uric Acid						
53	Reflotron	438 µmol/l	12 %	385 - 491	1	1 (100.00%)
2128	Skyla	447 µmol/l	12 %	393 - 501	6	6 (100.00%)
1568	Piccolo	365 µmol/l	12 %	321 - 409	33	30 (90.91%)
52	Spotchem SP-4430	381 µmol/l	12 %	335 - 426	92	88 (95.65%)
1357	Spotchem D-Concept	420 µmol/l	12 %	370 - 471	587	582 (99.15%)
1032	Fuji Dri-Chem	476 µmol/l	12 %	419 - 533	1086	1071 (98.62%)
1628	Selectra Pro	457 µmol/l	12 %	402 - 512	14	14 (100.00%)
50	Vitros	426 µmol/l	12 %	375 - 477	5	5 (100.00%)
54	Siemens	454 µmol/l	12 %	400 - 508	8	8 (100.00%)
1605	Roche	438 µmol/l	12 %	386 - 491	38	38 (100.00%)
51	Beckman	450 µmol/l	12 %	396 - 504	4	4 (100.00%)

		Target Value	Toleranz		Numbre	Conform
K01 Clinical Chemistry						
Uric Acid						
49	Abbott	444 µmol/l	12 %	391 - 498	7	7 (100.00%)
275	Seamaty	448 µmol/l	12 %	394 - 502	12	10 (83.33%)
2058	Autolyser	444 µmol/l	12 %	391 - 497	18	18 (100.00%)
K03A Glycated Hemoglobin (HbA1c)						
HbA1c sample A						
2938	Abbott	6.8 %	9 %	6.2 - 7.4	3	3 (100.00%)
3179	TheLab001	6.8 %	9 %	6.2 - 7.4	3	3 (100.00%)
3181	LumiraDx	6.8 %	9 %	6.2 - 7.4	4	4 (100.00%)
345	Roche, Cobas	7.0 %	9 %	6.4 - 7.6	22	22 (100.00%)
343	HPLC	6.9 %	9 %	6.3 - 7.5	12	12 (100.00%)
1154	Afinion	6.6 %	9 %	6.0 - 7.2	561	556 (99.11%)
1737	Cobas b101	6.4 %	9 %	5.8 - 7.0	234	233 (99.57%)
259	DCA2000/Vantage	6.7 %	9 %	6.1 - 7.3	133	129 (96.99%)
2355	Celltac chemi	6.8 %	9 %	6.2 - 7.4	37	35 (94.59%)
346	NycoCard	6.8 %	9 %	6.2 - 7.4	3	3 (100.00%)
1201	Eurolyser	6.8 %	9 %	6.2 - 7.4	6	5 (83.33%)
1439	A1c Now	6.4 %	9 %	5.8 - 7.0	208	166 (79.81%)
2323	AFIAS	6.6 %	9 %	6.0 - 7.2	153	138 (90.20%)
260	Andere	6.8 %	9 %	6.2 - 7.4	12	9 (75.00%)
2412	Spinit	6.8 %	9 %	6.2 - 7.4	1	1 (100.00%)
K03B Glycated Hemoglobin (HbA1c)						
HbA1c sample B						
2939	Abbott	5.6 %	9 %	5.1 - 6.1	2	2 (100.00%)
915	Roche, Cobas	5.8 %	9 %	5.2 - 6.3	21	21 (100.00%)
913	HPLC	5.6 %	9 %	5.1 - 6.2	12	12 (100.00%)
1155	Afinion	5.5 %	9 %	5.0 - 6.0	696	688 (98.85%)
1739	Cobas b101	5.1 %	9 %	4.7 - 5.6	222	217 (97.75%)
911	DCA2000/Vantage	5.5 %	9 %	5.0 - 6.0	177	173 (97.74%)
2356	Celltac chemi	5.4 %	9 %	4.9 - 5.9	29	28 (96.55%)
910	NycoCard	5.6 %	9 %	5.1 - 6.1	3	2 (66.67%)
1202	Eurolyser	5.6 %	9 %	5.1 - 6.1	4	4 (100.00%)
1740	Hemocue HbA1c 501	5.6 %	9 %	5.1 - 6.1	1	1 (100.00%)
1440	A1c Now	5.5 %	9 %	5.1 - 6.0	6	5 (83.33%)
2324	AFIAS	5.5 %	9 %	5.0 - 6.0	230	215 (93.48%)
2413	Spinit	5.6 %	9 %	5.1 - 6.1	2	1 (50.00%)
912	Andere	5.6 %	9 %	5.1 - 6.1	11	10 (90.91%)
2576	Quick Read go	5.6 %	9 %	5.1 - 6.1	5	4 (80.00%)

		Target Value	Toleranz		Numbre	Conform
K04 Blood gases						
Bilirubin OR						
789	ABL700/800	445.0 µmol/l	18 %	364.9 - 525.1	4	4 (100.00%)
1510	ABL90 FLEX / PLUS	444.2 µmol/l	18 %	364.2 - 524.1	32	32 (100.00%)
Calcium-BG						
3127	Edan	0.19 mmol/l	12 %	-0.05 - 0.43	1	1 (100.00%)
1235	GEM	0.29 mmol/l	12 %	0.05 - 0.53	13	13 (100.00%)
2318	ABL80 FLEX	0.30 mmol/l	12 %	0.07 - 0.54	2	2 (100.00%)
1862	Cobas b123	0.18 mmol/l	12 %	-0.06 - 0.42	12	12 (100.00%)
440	Roche	0.22 mmol/l	12 %	-0.02 - 0.46	2	2 (100.00%)
442	iStat	0.32 mmol/l	12 %	0.08 - 0.56	19	16 (84.21%)
1484	EPOC	0.29 mmol/l	12 %	0.05 - 0.53	43	43 (100.00%)
792	ABL700/800	0.37 mmol/l	12 %	0.13 - 0.61	102	102 (100.00%)
967	Nova Ultra	0.33 mmol/l	12 %	0.09 - 0.56	2	2 (100.00%)
1513	ABL90 FLEX / PLUS	0.37 mmol/l	12 %	0.13 - 0.61	141	140 (99.29%)
1527	ABL80 FLEX CO-OX / OSM	0.33 mmol/l	12 %	0.09 - 0.57	1	1 (100.00%)
Chlorid-BG						
1514	ABL90 FLEX / PLUS	64.1 mmol/l	6 %	60.2 - 67.9	140	140 (100.00%)
793	ABL700/800	67.6 mmol/l	6 %	63.6 - 71.7	100	98 (98.00%)
2452	EPOC	70.6 mmol/l	6 %	66.4 - 74.9	19	18 (94.74%)
3128	Edan	75.0 mmol/l	6 %	70.5 - 79.5	1	1 (100.00%)
2409	Cobas b 221	70.7 mmol/l	6 %	66.5 - 74.9	1	1 (100.00%)
2319	ABL80 FLEX	65.0 mmol/l	6 %	61.1 - 68.9	2	2 (100.00%)
436	Cobas b 123	70.8 mmol/l	6 %	66.6 - 75.1	13	13 (100.00%)
FCOHb OR						
786	ABL700/800	20.380 %	20 %	16.304 - 24.456	94	94 (100.00%)
1507	ABL90 FLEX / PLUS	20.211 %	20 %	16.169 - 24.254	133	132 (99.25%)
1523	ABL80 FLEX CO-OX / OSM	20.233 %	20 %	16.187 - 24.280	3	3 (100.00%)
FHbF OR						
1509	ABL90 FLEX / PLUS	53.595 %	20 %	42.876 - 64.314	37	37 (100.00%)
788	ABL700/800	54.000 %	20 %	43.200 - 64.800	1	1 (100.00%)
FHHb						
1947	ABL90 FLEX / PLUS	20.844 %	20 %	16.676 - 25.013	18	18 (100.00%)
1524	ABL80 FLEX CO-OX / OSM	20.800 %	20 %	16.640 - 24.960	2	2 (100.00%)
FMethHb OR						
1508	ABL90 FLEX / PLUS	9.986 %	20 %	7.989 - 11.984	133	132 (99.25%)
1530	ABL80 FLEX CO-OX / OSM	10.000 %	20 %	8.000 - 12.000	3	3 (100.00%)
787	ABL700/800	10.025 %	20 %	8.020 - 12.030	94	93 (98.94%)
FO2Hb OR						
785	ABL700/800	48.790 %	20 %	39.032 - 58.548	94	94 (100.00%)
1506	ABL90 FLEX / PLUS	48.944 %	20 %	39.155 - 58.733	132	131 (99.24%)
1522	ABL80 FLEX CO-OX / OSM	48.933 %	20 %	39.147 - 58.720	3	3 (100.00%)
Glucose BG						
3129	Edan	14.1 mmol/l	9 %	12.8 - 15.4	2	1 (50.00%)
1236	GEM	14.7 mmol/l	9 %	13.4 - 16.0	12	12 (100.00%)

		Target Value	Toleranz		Numbre	Conform
K04 Blood gases						
Glucose BG						
212	Cobas b 123	14.5 mmol/l	9 %	13.2 - 15.8	12	11 (91.67%)
217	iStat	13.2 mmol/l	9 %	12.0 - 14.4	13	12 (92.31%)
1485	EPOC	14.1 mmol/l	9 %	12.8 - 15.4	45	40 (88.89%)
794	ABL700/800	14.0 mmol/l	9 %	12.8 - 15.3	103	102 (99.03%)
968	Nova Ultra	15.5 mmol/l	9 %	14.1 - 16.9	2	2 (100.00%)
976	pHOx	13.9 mmol/l	9 %	12.6 - 15.2	2	2 (100.00%)
1515	ABL90 FLEX / PLUS	13.8 mmol/l	9 %	12.5 - 15.0	129	128 (99.22%)
Hemoglobin BG						
1504	ABL90 FLEX / PLUS	192.3 g/l	9 %	175.0 - 209.6	142	141 (99.30%)
1520	ABL80 FLEX CO-OX / OSM	193.3 g/l	9 %	175.9 - 210.7	5	5 (100.00%)
1238	GEM	12.0 g/l	9 %	10.9 - 13.1	3	0 (0.00%)
783	ABL700/800	189.5 g/l	9 %	172.5 - 206.6	104	103 (99.04%)
Lactate-BG						
1516	ABL90 FLEX / PLUS	10.49 mmol/l	18 %	8.60 - 12.38	143	143 (100.00%)
3130	Edan	11.50 mmol/l	18 %	9.43 - 13.57	2	1 (50.00%)
1237	GEM	11.46 mmol/l	18 %	9.40 - 13.53	13	13 (100.00%)
1919	Cobas b123	10.84 mmol/l	18 %	8.89 - 12.79	11	11 (100.00%)
446	IL	11.60 mmol/l	18 %	9.51 - 13.69	4	4 (100.00%)
1486	EPOC	9.74 mmol/l	18 %	7.99 - 11.50	44	44 (100.00%)
1488	iStat	10.72 mmol/l	18 %	8.79 - 12.65	21	21 (100.00%)
795	ABL700/800	10.31 mmol/l	18 %	8.46 - 12.17	108	108 (100.00%)
969	Nova Ultra	12.15 mmol/l	18 %	9.96 - 14.34	2	2 (100.00%)
pCO2						
1480	EPOC	2.41 kPa	12 %	2.12 - 2.70	60	56 (93.33%)
193	IL	2.70 kPa	12 %	2.38 - 3.02	4	4 (100.00%)
963	Nova Ultra	2.68 kPa	12 %	2.36 - 3.00	3	3 (100.00%)
196	iStat	2.40 kPa	12 %	2.11 - 2.68	57	55 (96.49%)
194	Nova Biomedical	19.00 kPa	12 %	16.72 - 21.28	1	1 (100.00%)
1231	GEM	2.83 kPa	12 %	2.49 - 3.17	15	14 (93.33%)
2314	ABL80 FLEX	2.79 kPa	12 %	2.46 - 3.12	2	2 (100.00%)
191	Cobas b 123	2.95 kPa	12 %	2.59 - 3.30	19	19 (100.00%)
1502	ABL90 FLEX / PLUS	3.01 kPa	12 %	2.65 - 3.38	154	154 (100.00%)
1518	ABL80 FLEX CO-OX / OSM	3.21 kPa	12 %	2.83 - 3.60	3	3 (100.00%)
781	ABL700/800	2.83 kPa	12 %	2.49 - 3.17	112	112 (100.00%)
3123	Edan	3.40 kPa	12 %	2.99 - 3.81	3	3 (100.00%)
2405	Cobas b 221	3.07 kPa	12 %	2.70 - 3.44	1	1 (100.00%)
pH						
182	iStat	7.66	0 %	7.59 - 7.73	58	58 (100.00%)
962	Nova Ultra	7.63	0 %	7.56 - 7.70	3	3 (100.00%)
183	andere Methoden	7.63	0 %	7.56 - 7.69	1	1 (100.00%)
180	Nova Biomedical	7.62	0 %	7.55 - 7.68	1	1 (100.00%)
179	IL	7.65	0 %	7.58 - 7.72	4	4 (100.00%)
1479	EPOC	7.65	0 %	7.58 - 7.72	59	59 (100.00%)

		Target Value	Toleranz		Numbre	Conform
K04 Blood gases						
pH						
1230	GEM	7.63	0 %	7.56 - 7.70	15	15 (100.00%)
780	ABL700/800	7.58	0 %	7.51 - 7.64	110	110 (100.00%)
177	Cobas b 123	7.58	0 %	7.51 - 7.65	20	20 (100.00%)
1501	ABL90 FLEX / PLUS	7.59	0 %	7.52 - 7.66	155	155 (100.00%)
1517	ABL80 FLEX CO-OX / OSM	7.58	0 %	7.51 - 7.64	3	3 (100.00%)
2313	ABL80 FLEX	7.61	0 %	7.54 - 7.67	2	2 (100.00%)
3122	Edan	7.62	0 %	7.55 - 7.69	3	3 (100.00%)
2406	Cobas b 221	7.57	0 %	7.51 - 7.64	1	1 (100.00%)
pO2						
187	Nova Biomedical	83.50 kPa	15 %	70.97 - 96.03	1	1 (100.00%)
186	IL	9.50 kPa	15 %	8.07 - 10.93	4	4 (100.00%)
1481	EPOC	10.07 kPa	15 %	8.56 - 11.59	60	49 (81.67%)
189	iStat	11.41 kPa	15 %	9.70 - 13.12	55	51 (92.73%)
1232	GEM	8.86 kPa	15 %	7.53 - 10.19	15	14 (93.33%)
1519	ABL80 FLEX CO-OX / OSM	8.63 kPa	15 %	7.34 - 9.93	3	3 (100.00%)
1503	ABL90 FLEX / PLUS	7.58 kPa	15 %	6.45 - 8.72	155	146 (94.19%)
2315	ABL80 FLEX	9.40 kPa	15 %	7.99 - 10.81	2	2 (100.00%)
782	ABL700/800	9.92 kPa	15 %	8.43 - 11.40	112	107 (95.54%)
3124	Edan	10.70 kPa	15 %	9.09 - 12.30	3	3 (100.00%)
964	Nova Ultra	11.18 kPa	15 %	9.50 - 12.85	3	3 (100.00%)
184	Cobas b 123	8.85 kPa	15 %	7.52 - 10.17	19	17 (89.47%)
Potassium BG						
790	ABL700/800	5.5 mmol/l	6 %	5.1 - 5.8	103	103 (100.00%)
1483	EPOC	5.0 mmol/l	6 %	4.7 - 5.3	47	46 (97.87%)
1511	ABL90 FLEX / PLUS	5.4 mmol/l	6 %	5.1 - 5.7	144	144 (100.00%)
965	Nova Ultra	5.7 mmol/l	6 %	5.4 - 6.1	2	2 (100.00%)
210	iStat	5.3 mmol/l	6 %	5.0 - 5.6	22	19 (86.36%)
2407	Cobas b 221	5.4 mmol/l	6 %	5.1 - 5.7	1	1 (100.00%)
2316	ABL80 FLEX	4.9 mmol/l	6 %	4.6 - 5.2	3	3 (100.00%)
1234	GEM	5.5 mmol/l	6 %	5.2 - 5.9	12	12 (100.00%)
3126	Edan	5.2 mmol/l	6 %	4.9 - 5.5	2	2 (100.00%)
205	Cobas b 123	5.4 mmol/l	6 %	5.1 - 5.7	18	18 (100.00%)
sO2 OR						
784	ABL700/800	70.132 %	20 %	56.105 - 84.15895		94 (98.95%)
1505	ABL90 FLEX / PLUS	70.117 %	20 %	56.094 - 84.140131		129 (98.47%)
1855	iStat	98.742 %	20 %	78.993 - 118.4931		31 (100.00%)
1521	ABL80 FLEX CO-OX / OSM	70.133 %	20 %	56.107 - 84.1603		3 (100.00%)
Sodium BG						
224	iStat	124.5 mmol/l	6 %	117.0 - 131.9	22	20 (90.91%)
3125	Edan	121.5 mmol/l	6 %	114.2 - 128.8	2	2 (100.00%)
1233	GEM	123.2 mmol/l	6 %	115.8 - 130.6	13	13 (100.00%)
2317	ABL80 FLEX	121.0 mmol/l	6 %	113.7 - 128.3	2	2 (100.00%)
2408	Cobas b 221	124.5 mmol/l	6 %	117.0 - 131.9	1	1 (100.00%)

		Target Value	Toleranz		Numbre	Conform
K04 Blood gases						
Sodium BG						
219	Cobas b 123	123.0 mmol/l	6 %	115.6 - 130.3	18	18 (100.00%)
1482	EPOC	119.3 mmol/l	6 %	112.1 - 126.4	46	46 (100.00%)
791	ABL700/800	127.2 mmol/l	6 %	119.6 - 134.8	102	102 (100.00%)
966	Nova Ultra	123.8 mmol/l	6 %	116.3 - 131.2	2	2 (100.00%)
1512	ABL90 FLEX / PLUS	126.5 mmol/l	6 %	118.9 - 134.1	143	143 (100.00%)
K05 Cardiac Markers						
BNP						
2725	Siemens	152.5 ng/l	27 %	111.3 - 193.7	2	2 (100.00%)
2644	andere Methoden	210.2 ng/l	27 %	153.4 - 267.0	2	2 (100.00%)
CK-MB mass						
433	Abbott	15.0 µg/l	40 %	9.0 - 21.0	3	3 (100.00%)
435	VIDAS	21.4 µg/l	40 %	12.8 - 29.9	2	2 (100.00%)
449	Cobas E / Elecsys	16.8 µg/l	40 %	10.1 - 23.5	12	12 (100.00%)
453	andere Methoden	18.3 µg/l	40 %	11.0 - 25.6	2	2 (100.00%)
Myoglobin						
428	andere Methoden	86.0 µg/l	30 %	60.2 - 111.8	3	3 (100.00%)
431	VIDAS	70.0 µg/l	30 %	49.0 - 91.0	1	1 (100.00%)
448	Cobas E / Elecsys	77.6 µg/l	30 %	54.3 - 100.9	10	10 (100.00%)
1723	Abbott	116.8 µg/l	30 %	81.8 - 151.9	2	2 (100.00%)
NT-proBNP						
2386	Abbott	608.5 ng/l	27 %	444.2 - 772.8	4	4 (100.00%)
1107	Dimension	148.0 ng/l	27 %	108.0 - 188.0	1	1 (100.00%)
1097	Immulite	286.5 ng/l	27 %	209.1 - 363.9	2	2 (100.00%)
1002	Cobas E / Elecsys	562.5 ng/l	27 %	410.6 - 714.4	29	29 (100.00%)
1810	VIDAS	750.5 ng/l	27 %	547.9 - 953.1	8	8 (100.00%)
1551	AQT 90 FLEX	1405.0 ng/l	27 %	1025.7 - 1784.32		2 (100.00%)
2696	Pathfast	1998.1 ng/l	27 %	1458.6 - 2537.517		16 (94.12%)
1254	andere Methoden	465.0 ng/l	27 %	339.4 - 590.5	1	1 (100.00%)
Troponin I						
2862	Pathfast	2758.7 ng/l	24 %	2096.6 - 3420.823		22 (95.65%)
3148	Siemens	3361.4 ng/l	24 %	2554.7 - 4168.26		6 (100.00%)
423	Vidas	6361.3 ng/l	24 %	4834.6 - 7888.015		15 (100.00%)
450	andere Methoden	3680.5 ng/l	24 %	2797.2 - 4563.82		2 (100.00%)
1704	Abbott	1108.2 ng/l	24 %	842.2 - 1374.2	4	4 (100.00%)
1885	Dimension	2194.6 ng/l	24 %	1667.9 - 2721.32		2 (100.00%)
Troponin T						
1497	Cobas hs STAT	279.04 ng/l	24 %	212.07 - 346.0124		24 (100.00%)
1454	Cobas hs	302.67 ng/l	24 %	230.03 - 375.3110		10 (100.00%)

		Target Value	Toleranz		Numbre	Conform
K06 Hormones						
17-OH-Progesteron						
2759	andere Methoden	4.2 nmol/l	30 %	3.0 - 5.5	3	3 (100.00%)
2760	LCMS	2.6 nmol/l	30 %	1.8 - 3.4	1	1 (100.00%)
Androstendion						
2758	Roche	4.1 nmol/l	30 %	2.9 - 5.4	6	6 (100.00%)
Beta-HCG total						
3075	Abbott	12.0 U/l	21 %	9.5 - 14.5	1	1 (100.00%)
3076	Roche	11.2 U/l	21 %	8.9 - 13.6	5	5 (100.00%)
3077	andere Methoden	16.0 U/l	21 %	12.6 - 19.4	1	1 (100.00%)
Cortisol						
900	VIDAS	578 nmol/l	20 %	462 - 694	1	1 (100.00%)
898	Abbott	338 nmol/l	20 %	271 - 406	3	3 (100.00%)
901	andere Methoden	373 nmol/l	20 %	299 - 448	1	0 (0.00%)
895	Roche	360 nmol/l	20 %	288 - 432	24	24 (100.00%)
897	Siemens	373 nmol/l	20 %	299 - 448	4	4 (100.00%)
DHEAS						
2206	Roche	4.58 µmol/l	30 %	3.21 - 5.96	14	14 (100.00%)
2208	Abbott	3.80 µmol/l	30 %	2.66 - 4.94	2	2 (100.00%)
2209	Beckman	4.58 µmol/l	30 %	3.21 - 5.96	1	0 (0.00%)
2210	andere Methoden	2.80 µmol/l	30 %	1.96 - 3.64	2	2 (100.00%)
Estradiol						
1869	Roche	777 pmol/l	30 %	544 - 1010	15	15 (100.00%)
1870	Siemens	1129 pmol/l	30 %	790 - 1468	7	7 (100.00%)
1872	andere Methoden	769 pmol/l	30 %	538 - 1000	7	7 (100.00%)
2204	Abbott	640 pmol/l	30 %	448 - 832	1	1 (100.00%)
Follicle-stimulating hormone						
1334	andere Methoden	24.7 U/l	24 %	18.8 - 30.6	2	2 (100.00%)
1803	Roche	12.0 U/l	24 %	9.1 - 14.9	15	15 (100.00%)
1795	ADVIA Centaur XP/CP	12.1 U/l	24 %	9.2 - 15.0	7	7 (100.00%)
1804	Abbott	11.6 U/l	24 %	8.8 - 14.3	2	2 (100.00%)
free testosterone						
2306	RIA	26.0 pmol/l	25 %	19.5 - 32.5	1	1 (100.00%)
2937	andere Methoden	29.2 pmol/l	25 %	21.9 - 36.5	3	3 (100.00%)
2423	IDS	26.9 pmol/l	25 %	20.2 - 33.6	3	3 (100.00%)
FT3						
980	Beckman, Access	12.0 pmol/l	18 %	9.8 - 14.2	3	3 (100.00%)
665	andere Methoden	8.1 pmol/l	18 %	6.7 - 9.6	2	2 (100.00%)
857	VIDAS	5.4 pmol/l	18 %	4.5 - 6.4	9	9 (100.00%)
829	ADVIA Centaur XP/CP	6.0 pmol/l	18 %	5.0 - 7.1	5	5 (100.00%)
663	Roche	7.0 pmol/l	18 %	5.8 - 8.3	31	31 (100.00%)
847	Abbott	6.0 pmol/l	18 %	4.9 - 7.1	5	5 (100.00%)
FT4						
666	Roche	22.5 pmol/l	20 %	18.0 - 26.9	31	31 (100.00%)
830	ADVIA Centaur XP	16.5 pmol/l	20 %	13.2 - 19.8	6	6 (100.00%)

		Target Value	Toleranz		Nombre	Conform
K06 Hormones						
FT4						
848	Abbott	17.1 pmol/l	20 %	13.7 - 20.6	6	6 (100.00%)
850	Beckman, Access	38.0 pmol/l	20 %	30.4 - 45.6	3	3 (100.00%)
858	VIDAS	21.3 pmol/l	20 %	17.0 - 25.5	8	8 (100.00%)
668	andere Methoden	21.4 pmol/l	20 %	17.1 - 25.7	7	7 (100.00%)
HGH						
2304	Alle Methoden	8.06 µg/l	25 %	6.04 - 10.08	6	6 (100.00%)
2305	Liaison	7.66 µg/l	25 %	5.75 - 9.58	5	5 (100.00%)
IGF-1						
2309	Liaison	81 µg/l	25 %	61 - 101	8	8 (100.00%)
2308	andere Methoden	53 µg/l	25 %	40 - 66	6	6 (100.00%)
Insulin						
2203	andere Methoden	205 pmol/l	25 %	154 - 256	1	1 (100.00%)
2201	Abbott	244 pmol/l	25 %	183 - 305	2	2 (100.00%)
1853	ADVIA Centaur CP	341 pmol/l	25 %	256 - 426	2	2 (100.00%)
2200	Roche	294 pmol/l	25 %	220 - 367	20	19 (95.00%)
Luteinizing hormone						
1333	andere Methoden	15.5 U/l	24 %	11.8 - 19.2	1	1 (100.00%)
1805	Roche	13.9 U/l	24 %	10.6 - 17.3	15	15 (100.00%)
1806	Siemens	11.3 U/l	24 %	8.6 - 14.0	7	7 (100.00%)
1807	Abbott	10.2 U/l	24 %	7.7 - 12.6	4	4 (100.00%)
Progesteron						
2195	Roche	18.8 nmol/l	30 %	13.2 - 24.5	11	11 (100.00%)
2196	Siemens	17.1 nmol/l	30 %	12.0 - 22.2	2	2 (100.00%)
2197	Abbott	14.6 nmol/l	30 %	10.2 - 19.0	2	2 (100.00%)
2199	andere Methoden	18.4 nmol/l	30 %	12.8 - 23.9	5	5 (100.00%)
Prolactin (PRL)						
1802	Abbott	14.2 µg/l	24 %	10.8 - 17.6	3	3 (100.00%)
1221	ADVIA Centaur XP/CP	9.4 µg/l	24 %	7.2 - 11.7	3	3 (100.00%)
1546	Cobas/Roche	16.2 µg/l	24 %	12.3 - 20.1	16	16 (100.00%)
SHBG						
2188	Roche	24.9 nmol/l	30 %	17.4 - 32.4	16	16 (100.00%)
2189	Siemens	27.0 nmol/l	30 %	18.9 - 35.1	2	2 (100.00%)
2190	Abbott	28.6 nmol/l	30 %	20.0 - 37.1	5	5 (100.00%)
T3						
659	andere Methoden	3.0 nmol/l	20 %	2.4 - 3.6	1	1 (100.00%)
459	AFIAS	1.5 nmol/l	20 %	1.2 - 1.8	4	3 (75.00%)
827	ADVIA Centaur XP/CP	2.6 nmol/l	20 %	2.1 - 3.1	1	1 (100.00%)
845	Abbott	2.0 nmol/l	20 %	1.6 - 2.4	3	3 (100.00%)
T4						
662	andere Methoden	192 nmol/l	20 %	154 - 230	1	1 (100.00%)
460	AFIAS	112 nmol/l	20 %	90 - 134	2	0 (0.00%)
846	Abbott	112 nmol/l	20 %	90 - 134	4	4 (100.00%)

		Target Value	Toleranz		Numbre	Conform
K06 Hormones						
Testosterone						
1478	Alle Methoden	5.8 nmol/l	30 %	4.1 - 7.5	2	2 (100.00%)
1849	Roche	9.5 nmol/l	30 %	6.6 - 12.3	17	17 (100.00%)
1850	Siemens	8.0 nmol/l	30 %	5.6 - 10.3	4	4 (100.00%)
2193	Abbott	8.0 nmol/l	30 %	5.6 - 10.3	1	1 (100.00%)
2194	Beckman	10.9 nmol/l	30 %	7.6 - 14.2	2	2 (100.00%)
TSH						
656	andere Methoden	3.41 mU/l	18 %	2.79 - 4.02	5	4 (80.00%)
1887	lChroma	3.00 mU/l	18 %	2.46 - 3.54	1	1 (100.00%)
654	Roche	3.74 mU/l	18 %	3.07 - 4.42	35	35 (100.00%)
826	ADVIA Centaur XP/CP	3.29 mU/l	18 %	2.70 - 3.89	6	6 (100.00%)
844	Abbott	2.97 mU/l	18 %	2.44 - 3.51	5	5 (100.00%)
854	VIDAS	3.88 mU/l	18 %	3.18 - 4.58	15	14 (93.33%)
1848	Dimension	3.19 mU/l	18 %	2.62 - 3.76	3	3 (100.00%)
2179	AFIAS	5.50 mU/l	18 %	4.51 - 6.49	16	13 (81.25%)
1854	Qualigen	3.00 mU/l	18 %	2.46 - 3.54	1	1 (100.00%)
K08 Cardiac Markers h232						
CKMB- K8						
1365	Cobas h 232	16.6 µg/l	40 %	10.0 - 23.3	4	4 (100.00%)
D-dimer CR						
1243	Cobas h 232	0.94 mg/l	21 %	0.74 - 1.14	587	457 (77.85%)
2736	Lumira Dx	1.07 mg/l	21 %	0.85 - 1.30	11	11 (100.00%)
Myoglobin CR						
87	Cobas h 232	107.5 µg/l	30 %	75.3 - 139.8	2	2 (100.00%)
NT-proBNP CR						
2882	Lumira Dx	452 ng/l	27 %	330 - 574	11	11 (100.00%)
1247	Cobas h 232	315 ng/l	27 %	230 - 400	356	325 (91.29%)
Troponin T CR						
1245	Cobas h 232	91.60 ng/l	24 %	69.62 - 113.58	301	270 (89.70%)
K09 Blood Gases Opti CCA						
Calcium CCA						
1228	OPTI CCA	1.69 mmol/l	9 %	1.51 - 1.86	4	3 (75.00%)
Chloride OPTI CCA						
3062	OPTI CCA	92.5 mmol/l	6 %	86.9 - 98.0	2	2 (100.00%)
PCO2 CCA						
173	OPTI CCA	9.36 kPa	12 %	8.24 - 10.48	11	11 (100.00%)
pH CCA						
3312	Vitest	7.00	0 %	6.89 - 7.11	4	4 (100.00%)
169	OPTI CCA	7.16	0 %	7.09 - 7.22	9	9 (100.00%)
PO2 CCA						
3313	Vitest	12.90 kPa	15 %	10.96 - 14.84	2	2 (100.00%)
175	OPTI CCA	10.05 kPa	15 %	8.54 - 11.56	10	8 (80.00%)

		Target Value	Toleranz			Numbre	Conform
K09 Blood Gases Opti CCA							
Potassium CCA							
208	OPTI CCA	2.9 mmol/l	6 %	2.7 - 3.1	5		5 (100.00%)
Sodium CCA							
222	OPTI CCA	124.8 mmol/l	6 %	117.3 - 132.3	5		5 (100.00%)
K10 Anemia							
Ferritin							
3309		217.53 µg/l	24 %	165.33 - 269.74	11		8 (72.73%)
1923	Dimension	188.50 µg/l	24 %	143.26 - 233.744			4 (100.00%)
1884	Beckman	146.00 µg/l	24 %	110.96 - 181.043			3 (100.00%)
712	andere Methoden	135.00 µg/l	24 %	102.60 - 167.403			3 (100.00%)
831	Siemens	149.50 µg/l	24 %	113.62 - 185.386			6 (100.00%)
851	Roche	192.75 µg/l	24 %	146.49 - 239.0133			33 (100.00%)
1194	Abbott	290.84 µg/l	24 %	221.04 - 360.655			5 (100.00%)
776	Roche, Cobas	171.00 µg/l	24 %	129.96 - 212.041			1 (100.00%)
882	DiaSys/Greiner	143.87 µg/l	24 %	109.34 - 178.391			1 (100.00%)
883	Mini Vidas	143.87 µg/l	24 %	109.34 - 178.3910			9 (90.00%)
2180	AFIAS	219.76 µg/l	24 %	167.02 - 272.5125			25 (100.00%)
Folate							
1195	Abbott	21.62 nmol/l	24 %	16.43 - 26.81	7		7 (100.00%)
853	Roche	13.89 nmol/l	24 %	10.56 - 17.23	25		24 (96.00%)
3022	Siemens	13.10 nmol/l	24 %	9.96 - 16.24	8		8 (100.00%)
714	andere Methoden	21.62 nmol/l	24 %	16.43 - 26.81	1		1 (100.00%)
Holotranscobalamine							
3071	Cobas	137.8 pmol/l	30 %	96.5 - 179.2	48		48 (100.00%)
2934	andere Methoden	146.0 pmol/l	30 %	102.2 - 189.8	2		2 (100.00%)
2076	Abbott	128.0 pmol/l	30 %	89.6 - 166.4	7		7 (100.00%)
2077	Cobas Biotin entstört	136.0 pmol/l	30 %	95.2 - 176.8	2		2 (100.00%)
Vitamin B12							
1104	Abbott	387.00 pmol/l	21 %	305.73 - 468.277			7 (100.00%)
713	Alle Methoden	376.00 pmol/l	21 %	297.04 - 454.966			5 (83.33%)
832	ADVIA Centaur XP/CP	377.40 pmol/l	21 %	298.15 - 456.657			7 (100.00%)
852	Roche	394.34 pmol/l	21 %	311.53 - 477.1523			23 (100.00%)
1105	Beckman, Access	278.00 pmol/l	21 %	219.62 - 336.382			2 (100.00%)
K12 Neonatal Bilirubin							
Bilirubin direct							
747	Alle Methoden	137 µmol/l	18 %	112 - 162	20		19 (95.00%)
2271	Dimension	127 µmol/l	18 %	104 - 150	2		2 (100.00%)
Bilirubin indirect							
748	Alle Methoden	115 µmol/l	18 %	94 - 135	5		4 (80.00%)
Bilirubin neonatal							
1699	ABL700/800	269 µmol/l	18 %	220 - 317	14		13 (92.86%)
749	andere Methoden	285 µmol/l	18 %	234 - 336	17		16 (94.12%)

		Target Value	Toleranz		Numbre	Conform
K12 Neonatal Bilirubin						
Bilirubin total Neo						
746	Alle Methoden	231 µmol/l	18 %	190 - 273	18	16 (88.89%)
2385	Dimension	260 µmol/l	18 %	214 - 307	6	6 (100.00%)
K14 Tumor Markers						
AFP						
902	andere Methoden	4.4 µg/l	21 %	3.5 - 5.3	2	2 (100.00%)
903	Roche	4.2 µg/l	21 %	3.3 - 5.1	13	13 (100.00%)
905	Siemens	4.0 µg/l	21 %	3.2 - 4.9	2	1 (50.00%)
1179	Kryptor	4.9 µg/l	21 %	3.8 - 5.9	2	2 (100.00%)
1171	Abbott	3.6 µg/l	21 %	2.8 - 4.3	2	2 (100.00%)
CA 125						
797	andere Methoden	48.8 kIU/l	25 %	36.6 - 61.0	2	2 (100.00%)
869	Roche	33.6 kIU/l	25 %	25.2 - 42.0	12	12 (100.00%)
871	Siemens	49.3 kIU/l	25 %	37.0 - 61.7	3	3 (100.00%)
872	VIDAS	31.2 kIU/l	25 %	23.4 - 39.0	1	1 (100.00%)
991	Kryptor	31.2 kIU/l	25 %	23.4 - 39.0	1	1 (100.00%)
1170	Abbott	53.7 kIU/l	25 %	40.3 - 67.1	3	3 (100.00%)
CA 15-3						
1168	Abbott	15.6 kIU/l	25 %	11.7 - 19.5	4	4 (100.00%)
1167	Kryptor	16.3 kIU/l	25 %	12.2 - 20.4	1	1 (100.00%)
880	VIDAS	13.3 kIU/l	25 %	10.0 - 16.7	3	3 (100.00%)
877	Roche	14.8 kIU/l	25 %	11.1 - 18.5	14	14 (100.00%)
799	andere Methoden	14.1 kIU/l	25 %	10.6 - 17.6	1	1 (100.00%)
879	Siemens	11.9 kIU/l	25 %	8.9 - 14.9	4	4 (100.00%)
CA 19-9						
798	andere Methoden	38.4 kIU/l	25 %	28.8 - 48.0	2	2 (100.00%)
873	Roche	16.9 kIU/l	25 %	12.7 - 21.1	12	12 (100.00%)
875	Siemens	42.6 kIU/l	25 %	32.0 - 53.3	3	3 (100.00%)
876	VIDAS	21.5 kIU/l	25 %	16.1 - 26.8	2	2 (100.00%)
1185	Kryptor	23.9 kIU/l	25 %	17.9 - 29.9	1	1 (100.00%)
1186	Abbott	85.5 kIU/l	25 %	64.1 - 106.9	1	1 (100.00%)
CA 72-4						
1993	Roche	2.8 U/ml	25 %	2.1 - 3.5	3	3 (100.00%)
CEA						
1173	Kryptor	2.5 µg/l	21 %	1.4 - 3.6	2	2 (100.00%)
868	VIDAS	2.0 µg/l	21 %	0.9 - 3.1	2	2 (100.00%)
1174	Abbott	3.3 µg/l	21 %	2.2 - 4.4	4	4 (100.00%)
865	Roche	2.8 µg/l	21 %	1.7 - 3.9	17	17 (100.00%)
867	Siemens	2.5 µg/l	21 %	1.4 - 3.6	3	3 (100.00%)
CYFRA 21-1						
1995	Roche	2.6 ng/ml	25 %	1.9 - 3.2	1	1 (100.00%)

		Target Value	Toleranz		Numbre	Conform
K14 Tumor Markers						
free PSA						
1092	Immulite	0.70 µg/l	21 %	0.55 - 0.85	1	1 (100.00%)
1724	VIDAS	1.28 µg/l	21 %	1.01 - 1.55	1	1 (100.00%)
862	Roche	0.89 µg/l	21 %	0.70 - 1.08	15	15 (100.00%)
864	Siemens	0.95 µg/l	21 %	0.75 - 1.16	3	3 (100.00%)
1197	Abbott	0.90 µg/l	21 %	0.71 - 1.08	4	4 (100.00%)
HCG intact						
1769	Cobas	7.0 U/l	21 %	5.5 - 8.5	5	5 (100.00%)
1770	andere Methoden	29.1 U/l	21 %	23.0 - 35.2	1	1 (100.00%)
HCG qn						
2137	AFIAS	42.0 U/l	21 %	33.2 - 50.8	6	4 (66.67%)
1182	Abbott	27.6 U/l	21 %	21.8 - 33.4	5	5 (100.00%)
943	VIDAS	7.9 U/l	21 %	5.8 - 10.0	7	7 (100.00%)
1180	Immulite	20.5 U/l	21 %	16.2 - 24.8	1	1 (100.00%)
1165	Beckman, Access	37.6 U/l	21 %	29.7 - 45.6	3	3 (100.00%)
907	Roche	26.4 U/l	21 %	20.8 - 31.9	22	22 (100.00%)
2358	Apteq	37.6 U/l	21 %	29.7 - 45.6	1	1 (100.00%)
909	Siemens	16.9 U/l	21 %	13.4 - 20.5	3	3 (100.00%)
NSE						
1991	Roche	2.6 ng/ml	25 %	1.9 - 3.2	7	7 (100.00%)
PSA						
2181	AFIAS	4.12 µg/l	21 %	3.25 - 4.99	10	10 (100.00%)
1778	Qualigen	4.85 µg/l	21 %	3.83 - 5.87	1	1 (100.00%)
1169	Abbott	3.72 µg/l	21 %	2.94 - 4.50	5	5 (100.00%)
859	Roche	3.95 µg/l	21 %	3.12 - 4.78	23	23 (100.00%)
861	Siemens	3.55 µg/l	21 %	2.80 - 4.30	2	2 (100.00%)
779	andere Methoden	3.49 µg/l	21 %	2.76 - 4.22	3	3 (100.00%)
1095	VIDAS	4.54 µg/l	21 %	3.59 - 5.50	3	3 (100.00%)
PSA complex						
1091	ADVIA Centaur XP/CP	2.51 µg/l	25 %	1.88 - 3.14	2	2 (100.00%)
S100						
1989	Roche	0.30 µg/l	25 %	0.22 - 0.37	5	5 (100.00%)
Thyreoglobulin						
3294	Abbott	44.0 µg/l	25 %	33.0 - 55.0	1	1 (100.00%)
1997	Roche	32.4 µg/l	25 %	24.3 - 40.5	8	8 (100.00%)
1998	andere Methoden	53.2 µg/l	25 %	39.9 - 66.5	3	3 (100.00%)
K15 Creatinkinase Activity						
CK-MB						
1115	Fuji Dri-Chem	59.2 U/l	30 %	41.4 - 76.9	12	11 (91.67%)
472	nasschemisch	16.5 U/l	30 %	11.6 - 21.4	2	2 (100.00%)
731	Cobas/Roche	16.0 U/l	30 %	11.2 - 20.8	7	7 (100.00%)

		Target Value	Toleranz		Numbre	Conform
K20 PCT/C-Peptid						
ACTH						
3283	andere Methoden	63.10 ng/l	25 %	47.33 - 78.88	1	1 (100.00%)
2360	Roche	25.91 ng/l	25 %	19.43 - 32.38	9	9 (100.00%)
2361	Liaison	41.73 ng/l	25 %	31.30 - 52.16	4	4 (100.00%)
C-Peptid						
2303	Roche	8.48 nmol/l	25 %	6.36 - 10.60	9	9 (100.00%)
2302	andere Methoden	8.36 nmol/l	25 %	6.27 - 10.44	4	4 (100.00%)
Procalcitonin						
2532	Abbott	20.11 µg/l	27 %	14.68 - 25.54	4	4 (100.00%)
3060	Kryptor	14.87 µg/l	27 %	10.85 - 18.88	3	3 (100.00%)
1279	Cobas	16.49 µg/l	27 %	12.04 - 20.94	22	22 (100.00%)
1554	VIDAS	14.57 µg/l	27 %	10.64 - 18.50	13	13 (100.00%)
1920	ADVIA Centaur XP/CP	21.13 µg/l	27 %	15.42 - 26.84	8	7 (87.50%)
1952	andere Methoden	33.44 µg/l	27 %	24.41 - 42.46	4	4 (100.00%)
1958	Liaison	23.73 µg/l	27 %	17.33 - 30.14	3	3 (100.00%)
K21 PTH/EPO						
EPO						
2301	andere Methoden	89.1 U/l	25 %	66.8 - 111.4	5	5 (100.00%)
2363	Beckman	41.4 U/l	25 %	31.0 - 51.8	2	2 (100.00%)
Osteocalcin						
1375	Alle Methoden	11.4 nmol/l	40 %	6.8 - 16.0	1	1 (100.00%)
Parathyroid hormone						
2424	Liaison N-TACT	21.5 pmol/l	24 %	16.3 - 26.7	1	1 (100.00%)
3306		8.1 pmol/l	24 %	6.2 - 10.0	1	1 (100.00%)
1722	Cobas	6.4 pmol/l	24 %	4.9 - 8.0	16	16 (100.00%)
1721	Cobas PTH STAT	8.0 pmol/l	24 %	6.1 - 9.9	8	8 (100.00%)
2404	IDS	10.3 pmol/l	24 %	7.8 - 12.8	2	2 (100.00%)
2268	Abbott	14.0 pmol/l	24 %	10.6 - 17.4	4	4 (100.00%)
1280	Alle Methoden	6.6 pmol/l	24 %	5.0 - 8.1	3	3 (100.00%)
1498	ADVIA Centaur XP/CP	12.4 pmol/l	24 %	9.4 - 15.4	4	4 (100.00%)
K22 Osmolality						
Glucose-K22						
1327	nasschemisch	5.2 mmol/l	9 %	4.8 - 5.7	11	11 (100.00%)
Osmolality						
1147	Kryoskopie	292 mosm/kg	6 %	275 - 310	23	23 (100.00%)
Osmotic Gap						
1329	Formel 1 (2Na+K+Glu+Hst)	0.0 mmol/l	40 %	-10.0 - 10.0	7	7 (100.00%)
2085	Formel 2 (1.86Na+Glu+Hst+9)	11.6 mmol/l	40 %	7.0 - 16.2	2	2 (100.00%)
Potassium-K22						
1325	ISE	3.8 mmol/l	6 %	3.6 - 4.1	11	11 (100.00%)
Sodium-K22						
1326	ISE	143 mmol/l	6 %	135 - 152	11	11 (100.00%)

		Target Value	Toleranz		Numbre	Conform
K22 Osmolality						
Urea-K22						
1328	nasschemisch	4.4 mmol/l	15 %	3.7 - 5.1	11	11 (100.00%)
K24 Drug Monitoring						
Amikacin						
2138	Alle Methoden	23.9 mg/l	25 %	17.9 - 29.9	1	1 (100.00%)
Carbamazepin						
1702	Alle Methoden	46.0 µmol/l	24 %	35.0 - 57.0	3	3 (100.00%)
Digoxin						
2582	Alinity	2.79 nmol/l	24 %	2.12 - 3.46	3	3 (100.00%)
1376	andere Methoden	2.87 nmol/l	24 %	2.18 - 3.56	9	9 (100.00%)
Gentamicin						
2852	Alle Methoden	5 mg/l	24 %	4 - 7	1	1 (100.00%)
Methotrexat						
2325	Alle Methoden	3.71 µmol/l	25 %	2.78 - 4.64	2	2 (100.00%)
Paracetamol						
3056	Abbott	478.0 µmol/l	25 %	358.5 - 597.5	1	1 (100.00%)
2072	Roche	421.0 µmol/l	25 %	315.8 - 526.3	4	4 (100.00%)
Phenobarbital						
1837	Alle Methoden	160 µmol/l	25 %	120 - 200	3	3 (100.00%)
Phenytoin						
1836	Alle Methoden	70 µmol/l	25 %	52 - 87	3	3 (100.00%)
Salicylat						
2326	Alle Methoden	1.99 mmol/l	25 %	1.49 - 2.49	1	1 (100.00%)
Tobramycin						
2139	Alle Methoden	4.04 mg/l	25 %	3.14 - 4.94	1	1 (100.00%)
Valproat						
1701	Alle Methoden	669.0 µmol/l	24 %	508.4 - 829.6	8	8 (100.00%)
Vancomycin						
2851	Roche	16.6 µmol/l	25 %	12.5 - 20.8	6	6 (100.00%)
2131	Abbott	15.4 µmol/l	25 %	11.6 - 19.3	1	1 (100.00%)
2419	Siemens	15.9 µmol/l	25 %	12.0 - 19.9	3	3 (100.00%)
K25 Cystatin C						
Cystatin C						
3279	Abbott	4.17 mg/l	24 %	3.17 - 5.17	2	2 (100.00%)
1273	Roche	4.01 mg/l	24 %	3.05 - 4.97	19	19 (100.00%)
1758	Nephelometrie	4.48 mg/l	24 %	3.40 - 5.56	5	5 (100.00%)

		Target Value	Toleranz		Numbre	Conform
K28 Ethanol/Ammonia						
Ammonia						
3178	Roche	253.0 µmol/l	21 %	199.9 - 306.1	8	8 (100.00%)
2462	Abbott	198.3 µmol/l	21 %	156.6 - 239.9	1	1 (100.00%)
1999	andere Methoden	253.5 µmol/l	21 %	200.2 - 306.7	4	4 (100.00%)
2152	Vitros	198.3 µmol/l	21 %	156.6 - 239.9	1	1 (100.00%)
Ethanol						
2437	Andere	34.6 mmol/l	18 %	28.4 - 40.8	3	3 (100.00%)
2861	Abbott	42.9 mmol/l	18 %	35.2 - 50.6	4	4 (100.00%)
3315	Siemens	44.6 mmol/l	18 %	36.3 - 52.8	7	7 (100.00%)
1690	Roche	41.7 mmol/l	18 %	34.2 - 49.2	26	26 (100.00%)
K29 Calprotectin						
Calprotectin						
2351	Bühlmann fCALturbo	101 µg/g	40 %	40 - 161	21	17 (80.95%)
2451	Bühlmann Quantum Blue	30 µg/g	40 %	10 - 50	2	2 (100.00%)
1951	Liaison	68 µg/g	40 %	27 - 109	15	14 (93.33%)
2337	Ridas Screen DS2	136 µg/g	40 %	54 - 218	1	1 (100.00%)
2359	Euroimmun	68 µg/g	40 %	27 - 109	2	2 (100.00%)
1772	andere Methoden	68 µg/g	40 %	27 - 109	2	1 (50.00%)
K30 Lipids Af/b101						
Cholesterol HDL Af/b101						
1746	Cobas b101	0.65 mmol/l	21 %	0.51 - 0.78	348	322 (92.53%)
1717	Afinion	0.72 mmol/l	21 %	0.57 - 0.87	466	428 (91.85%)
Cholesterol HDL PTS						
950	CardioChek	2.15 mmol/l	21 %	1.70 - 2.61	4	4 (100.00%)
Cholesterol PTS						
949	CardioChek	3.33 mmol/l	10 %	2.99 - 3.66	3	1 (33.33%)
Cholesterol total Af/b101						
1745	Cobas b101	3.63 mmol/l	10 %	3.27 - 3.99	350	340 (97.14%)
1716	Afinion	3.67 mmol/l	10 %	3.30 - 4.04	467	450 (96.36%)
Triglycerides						
951	CardioChek	1.66 mmol/l	18 %	1.36 - 1.95	3	3 (100.00%)
Tryglycerides Af/b101						
1747	Cobas b101	1.56 mmol/l	18 %	1.28 - 1.84	349	347 (99.43%)
1718	Afinion	1.60 mmol/l	18 %	1.31 - 1.89	467	460 (98.50%)
K31 Cardiac markers Af/Nx						
NT-proBNP AFIAS						
2136	AFIAS	378.1 ng/l	27 %	276.0 - 480.2	502	478 (95.22%)
Troponin I AFIAS						
2133	AFIAS	307.57 ng/l	24 %	233.75 - 381.38662		567 (85.65%)

		Target Value	Toleranz		Numbre	Conform
K32 Homocystein						
Homocystein						
2339	Roche	24.5 µmol/l	30 %	17.2 - 31.9	12	12 (100.00%)
1792	Abbott	20.8 µmol/l	30 %	14.6 - 27.0	4	4 (100.00%)
K34 Clinical Chemistry 2						
Bicarbonat						
2000	Roche	17.6 mmol/l	15 %	15.0 - 20.3	7	7 (100.00%)
1714	Piccolo	23.0 mmol/l	15 %	19.6 - 26.4	2	2 (100.00%)
2001	Abbott	18.6 mmol/l	15 %	15.8 - 21.4	2	2 (100.00%)
Cholinesterase						
3132	Abbott	8.2 kU/L	30 %	5.7 - 10.7	2	2 (100.00%)
1794	Roche	6.2 kU/L	30 %	4.4 - 8.1	3	3 (100.00%)
2411	Siemens	11.0 kU/L	30 %	7.7 - 14.3	2	2 (100.00%)
Copper						
2212	AAS	16.6 µmol/l	20 %	13.3 - 19.9	1	1 (100.00%)
Fructosamine						
619	nasschemisch	494 µmol/l	15 %	420 - 568	4	4 (100.00%)
620	Spotchem SP-4430	325 µmol/l	15 %	276 - 374	1	1 (100.00%)
Lipase						
420	Vitros	1314.1 U/l	18 %	1077.6 - 1550.75		5 (100.00%)
1535	Beckman	95.5 U/l	18 %	78.3 - 112.7	4	4 (100.00%)
1715	Abbott	95.0 U/l	18 %	77.9 - 112.1	6	5 (83.33%)
1757	Selectra Pro	114.5 U/l	18 %	93.9 - 135.1	1	0 (0.00%)
2459	Roche	107.0 U/l	18 %	87.7 - 126.3	9	9 (100.00%)
2044	Autolyser	92.3 U/l	18 %	75.7 - 109.0	3	3 (100.00%)
2687	Alinity	112.0 U/l	18 %	91.8 - 132.2	1	1 (100.00%)
1158	Fuji Dri-Chem	79.3 U/l	18 %	65.1 - 93.6	169	150 (88.76%)
1883	Siemens	114.5 U/l	18 %	93.9 - 135.1	8	8 (100.00%)
Zinc						
2213	AAS	41.0 µmol/l	20 %	32.8 - 49.3	2	2 (100.00%)
K35 Cerebrospinal fluid						
Albumine CSF						
2016	Roche	340.13 mg/l	20 %	272.11 - 408.167		7 (100.00%)
2017	andere Methoden	368.60 mg/l	20 %	294.88 - 442.322		2 (100.00%)
Chloride CSF						
2014	Roche	112 mmol/l	20 %	90 - 134	1	1 (100.00%)
Glucose CSF						
2002	Roche	1.81 mmol/l	9 %	1.51 - 2.11	20	20 (100.00%)
2003	andere Methoden	1.80 mmol/l	9 %	1.50 - 2.10	11	11 (100.00%)
IgA CSF						
2020	Roche	31.40 mg/l	20 %	25.12 - 37.68	2	1 (50.00%)
2021	andere Methoden	31.40 mg/l	20 %	25.12 - 37.68	1	1 (100.00%)

		Target Value	Toleranz			Numbre	Conform
K35 Cerebrospinal fluid							
IgG CSF							
2018	Roche	443.00 mg/l	20 %	354.40 - 531.60		2	2 (100.00%)
2019	andere Methoden	443.00 mg/l	20 %	354.40 - 531.60		1	1 (100.00%)
IgM CSF							
2023	andere Methoden	14.500 mg/l	20 %	11.600 - 17.400		1	1 (100.00%)
2022	Roche	11.600 mg/l	20 %	9.280 - 13.920		2	2 (100.00%)
Lactate CSF							
3277	Vitros	2.31 mmol/l	18 %	1.90 - 2.73	2	2 (100.00%)	
3134	ABL700/800	4.00 mmol/l	18 %	3.28 - 4.72	2	2 (100.00%)	
2004	Roche	3.86 mmol/l	18 %	3.17 - 4.56	15	15 (100.00%)	
2005	andere Methoden	4.06 mmol/l	18 %	3.33 - 4.79	7	7 (100.00%)	
LDH CSF							
2008	Roche	67 U/l	20 %	54 - 81	6	6 (100.00%)	
2009	andere Methoden	62 U/l	20 %	50 - 75	1	1 (100.00%)	
Potassium CSF							
2012	Roche	50.00 mmol/l	20 %	40.00 - 60.00	1	1 (100.00%)	
Protein CSF							
2007	andere Methoden	0.94 g/l	15 %	0.80 - 1.08	7	6 (85.71%)	
2744	Vitros	1.73 g/l	15 %	1.47 - 1.99	2	2 (100.00%)	
2006	Roche	0.94 g/l	15 %	0.80 - 1.08	22	21 (95.45%)	
Sodium CSF							
2010	Roche	115 mmol/l	20 %	92 - 138	1	1 (100.00%)	
K36 CDT (carbohydrate deficient transferrin)							
CDT							
2458	Immunoassay	1.43 %	20 %	1.15 - 1.72	3	3 (100.00%)	
2024	andere Methoden	0.80 %	20 %	0.40 - 1.20	6	6 (100.00%)	
K37 Immunosuppressiva							
Cyclosporine							
2029	Roche	217.5 µg/l	25 %	163.1 - 271.9	2	2 (100.00%)	
2031	andere Methoden	252.5 µg/l	25 %	189.4 - 315.6	4	4 (100.00%)	
Everolimus							
2211	Alle Methoden	2.2 µg/l	25 %	1.6 - 2.7	4	3 (75.00%)	
Sirolimus							
2032	Alle Methoden	9.0 µg/l	25 %	6.8 - 11.3	4	3 (75.00%)	
Tacrolimus							
2033	Alle Methoden	12.2 µg/l	25 %	9.1 - 15.2	12	11 (91.67%)	
K38 Serum protein electrophoresis							
Albumin E							
2141	Elektrophorese	63.0 %	12 %	55.5 - 70.6	32	31 (96.88%)	
alpha-1-Globuline							
2142	Elektrophorese	2.3 %	30 %	1.6 - 3.0	10	10 (100.00%)	
2288	Kapillar-Elektrophorese	4.2 %	30 %	2.9 - 5.4	22	21 (95.45%)	

		Target Value	Toleranz		Numbre	Conform
K38 Serum protein electrophoresis						
alpha-2-Globuline						
2143	Elektrophorese	8.8 %	30 %	6.2 - 11.4	32	28 (87.50%)
Beta-1-Globulin						
2327	Elektrophorese	6.3 %	30 %	4.4 - 8.2	10	8 (80.00%)
Beta-2-Globulin						
2328	Elektrophorese	2.3 %	30 %	1.6 - 3.0	10	8 (80.00%)
beta-Globuline						
2144	Elektrophorese	7.7 %	30 %	5.4 - 10.0	16	15 (93.75%)
Beta-Globuline+P						
2936	Elektrophorese	17 %	30 %	12 - 22	6	6 (100.00%)
gamma-Globuline						
2145	Elektrophorese	11.7 %	30 %	8.0 - 15.4	15	14 (93.33%)
Gamma-Globuline+P						
2460	Elektrophorese	17.1 %	30 %	11.9 - 22.2	17	17 (100.00%)
Totalprotein E						
2140	Alle Methoden	72.0 g/l	12 %	63.3 - 80.6	19	19 (100.00%)
K39 Folat im Erythrozyten						
Folate in Erythrocytes						
3021	Siemens	519 nmol/l	40 %	312 - 727	5	5 (100.00%)
2254	Abbott	383 nmol/l	40 %	230 - 537	7	7 (100.00%)
2256	Roche	1402 nmol/l	40 %	841 - 1962	28	28 (100.00%)
K40 Gallensäure im Serum						
Gallensäure						
3144	Roche	84.3 µmol/l	30 %	59.0 - 109.6	15	15 (100.00%)
2479	andere Methoden	80.2 µmol/l	30 %	56.1 - 104.3	6	6 (100.00%)
3145	Abbott	72.8 µmol/l	30 %	50.9 - 94.6	4	4 (100.00%)
3146	Siemens	78.3 µmol/l	30 %	54.8 - 101.8	4	4 (100.00%)
K41 Cardiac Triage						
BNP						
728	Triage	7.4 ng/l	27 %	-12.6 - 27.4	5	5 (100.00%)
NT-pro BNP						
1860	Triage	171 ng/l	27 %	125 - 217	315	254 (80.63%)
Troponin I Triage						
2569	Triage high sensitive	746.33 ng/l	24 %	567.21 - 925.45	568	509 (89.61%)
1858	Triage Next Gen	10.00 ng/l	24 %	7.60 - 12.40	1	1 (100.00%)
K42 Vitamin D						
Vitamin D 1,25-(OH)₂						
2756	andere Methoden	33.0 ng/l	27 %	24.1 - 41.9	5	5 (100.00%)
Vitamin D 25 (OH)						
3121	AFIAS	60.8 nmol/l	27 %	44.4 - 77.2	9	8 (88.89%)
3135	Siemens	87.5 nmol/l	27 %	63.9 - 111.2	4	3 (75.00%)

		Target Value	Toleranz		Numbre	Conform
K42 Vitamin D						
Vitamin D 25 (OH)						
2581	LCMS	87.2 nmol/l	27 %	63.6 - 110.7	5	5 (100.00%)
1374	Cobas	80.0 nmol/l	27 %	58.4 - 101.6	24	24 (100.00%)
2084	VIDAS	83.9 nmol/l	27 %	61.3 - 106.6	5	5 (100.00%)
1950	andere Methoden	87.8 nmol/l	27 %	64.1 - 111.5	16	16 (100.00%)
1726	Abbott	87.1 nmol/l	27 %	63.6 - 110.7	5	5 (100.00%)
K43 AMH						
AMH						
3093	andere Methoden	8.9 pmol/l	25 %	6.7 - 11.2	1	1 (100.00%)
3314	VIDAS	5.0 pmol/l	25 %	3.7 - 6.2	8	8 (100.00%)
2296	Roche	5.6 pmol/l	25 %	4.2 - 7.1	14	14 (100.00%)
2418	Beckman	6.3 pmol/l	25 %	4.7 - 7.8	4	4 (100.00%)
K44 Inhibin B						
Inhibin B						
2297	Alle Methoden	260.5 ng/l	25 %	195.4 - 325.6	8	8 (100.00%)
K45 Calcitonin						
Calcitonin						
2299	Liaison	9.0 pmol/l	25 %	6.8 - 11.3	5	5 (100.00%)
2298	andere Methoden	8.6 pmol/l	25 %	6.5 - 10.8	7	7 (100.00%)
K46 IGF-BP3 / Renin / Aldosteron						
Aldosteron						
2690	Alle Methoden	32.8 ng/l	30 %	23.0 - 42.6	4	4 (100.00%)
2935	Liaison	46.6 ng/l	30 %	32.6 - 60.6	4	4 (100.00%)
IGF-BP3						
2695	Cobas	2.99 mg/l	25 %	2.24 - 3.74	6	6 (100.00%)
2300	Alle Methoden	3.65 mg/l	25 %	2.74 - 4.57	2	2 (100.00%)
Renin						
2450	Liaison	59.5 mU/l	25 %	44.6 - 74.4	8	8 (100.00%)
2689	IDS	83.8 mU/l	25 %	62.9 - 104.8	2	2 (100.00%)
3284	andere Methoden	42.3 mU/l	25 %	31.7 - 52.9	1	1 (100.00%)

		Target Value	Toleranz		Numbre	Conform
K47 Thyroid autoantibodies						
Anti Thyreoglobulin						
2332	Siemens	175 IU/ml	25 %	131 - 219	3	3 (100.00%)
2331	Abbott	105 IU/ml	25 %	79 - 131	1	1 (100.00%)
2330	Roche	366 IU/ml	25 %	274 - 457	16	16 (100.00%)
2329	Liaison	110 IU/ml	25 %	94 - 126	1	0 (0.00%)
2310	Kryptor	175 IU/ml	25 %	131 - 219	1	1 (100.00%)
2438	Phadia	307 IU/ml	25 %	230 - 384	1	1 (100.00%)
2730	Alinity	110 IU/ml	25 %	82 - 137	3	3 (100.00%)
Anti TPO						
2546	Phadia	46 IU/ml	24 %	35 - 57	2	2 (100.00%)
2420	Siemens	61 IU/ml	24 %	47 - 76	3	3 (100.00%)
2311	Kryptor	272 IU/ml	24 %	207 - 337	1	1 (100.00%)
2334	Roche	100 IU/ml	24 %	76 - 124	17	17 (100.00%)
2335	Abbott	62 IU/ml	24 %	47 - 77	4	4 (100.00%)
TRAK						
2545	Phadia	1.25 IU/l	25 %	0.75 - 1.75	2	2 (100.00%)
2731	Abbott	4.00 IU/l	25 %	2.80 - 5.20	4	4 (100.00%)
2312	Andere	1.00 IU/l	25 %	0.50 - 1.50	1	1 (100.00%)
2434	Roche	1.90 IU/l	25 %	1.33 - 2.47	13	13 (100.00%)
2435	Kryptor	1.90 IU/l	25 %	1.33 - 2.47	1	1 (100.00%)
K48 Creatinin whole Blood						
Creatinine WB						
1687	Statsensor i / Nova	236 µmol/l	18 %	193 - 278	81	71 (87.65%)
eGFR CDK-EPI WB						
2697	Statsensor i / Nova	35	30 %	24 - 45	4	4 (100.00%)
Keton WB						
3186	Ketosure APEXBIO	2.30 mmol/l	15 %	1.98 - 2.62	6	6 (100.00%)
3187	Statsensor i / Nova	1.60 mmol/l	15 %	1.36 - 1.84	4	3 (75.00%)
K49 IL6						
IL6						
2570	Roche	42.5 ng/l	30 %	29.8 - 55.3	5	5 (100.00%)
K51 Pankreas Elastase						
Pankreas Elastase						
2827	Liaison	51 ug/g	40 %	30 - 71	16	15 (93.75%)
K52 Copeptin						
Copeptin						
2878	Kryptor	9.3 pmol/l	30 %	6.5 - 12.1	7	6 (85.71%)

		Target Value	Toleranz			Numbre	Conform
K53 Pre-eclampsia							
PIGF							
3196	Roche	959.7 pg/ml	30 %	671.8 - 1247.6	5		5 (100.00%)
SFIT1							
3195	Roche	891.3 pg/ml	30 %	623.9 - 1158.7	4		4 (100.00%)
SFIT1/PIGF							
3197	Roche	0.9 %	30 %	0.6 - 1.2	1		1 (100.00%)
K54 CO-Oxymetry							
COHb							
3215	Cobas b 123	15.6 %	20 %	12.5 - 18.8	12		12 (100.00%)
3209	Cobas b 221	20.0 %	20 %	16.0 - 24.0	1		1 (100.00%)
3221	GEM	15.9 %	20 %	12.8 - 19.1	14		14 (100.00%)
HHb							
3217	Cobas b 123	0.3 %	20 %	-0.3 - 0.9	10		10 (100.00%)
3223	GEM	0.6 %	20 %	0.0 - 1.2	12		12 (100.00%)
MetHb							
3216	Cobas b 123	0.8 %	20 %	0.2 - 1.4	12		12 (100.00%)
3222	GEM	0.6 %	20 %	0.0 - 1.2	14		14 (100.00%)
O2Hb							
3214	Cobas b 123	83.4 %	20 %	66.7 - 100.0	12		12 (100.00%)
3220	GEM	82.8 %	20 %	66.3 - 99.4	14		14 (100.00%)
sO2							
3218	Cobas b 123	99.7 %	20 %	79.8 - 119.6	12		12 (100.00%)
3224	GEM	99.3 %	20 %	79.5 - 119.2	12		12 (100.00%)
tHb							
3213	Cobas b 123	142.9 g/l	9 %	130.1 - 155.8	17		17 (100.00%)
3219	GEM	137.2 g/l	9 %	124.9 - 149.6	13		12 (92.31%)
U01 Urine quant.							
Amylase-Urine							
357	IFCC	97 U/l	25 %	73 - 121	6		6 (100.00%)
Calcium-Urine							
2863	Roche	2.07 mmol/l	9 %	1.88 - 2.25	21		21 (100.00%)
2864	Abbott	1.94 mmol/l	9 %	1.76 - 2.12	5		5 (100.00%)
361	andere Methoden	2.14 mmol/l	9 %	1.95 - 2.33	6		6 (100.00%)
Chloride-Urine							
363	Abbott	120 mmol/l	12 %	105 - 134	7		7 (100.00%)
2269	Roche	113 mmol/l	12 %	99 - 126	18		18 (100.00%)
645	ISE direkt	118 mmol/l	12 %	104 - 132	3		3 (100.00%)
Glucose-Urine							
366	nasschemisch	5.7 mmol/l	9 %	5.2 - 6.2	26		26 (100.00%)
Magnesium-Urine							
373	nasschemisch	2.17 mmol/l	12 %	1.91 - 2.43	18		18 (100.00%)
374	AAS	2.36 mmol/l	12 %	2.08 - 2.64	3		3 (100.00%)

		Target Value	Toleranz		Numbre	Conform
U01 Urine quant.						
Osmolality-Urine						
378	Kryoskopie	541 mosm/kg	10 %	487 - 595	23	23 (100.00%)
Pancreatic Amylase-Urine						
359	IFCC	3.8 U/l	18 %	-1.2 - 8.8	2	2 (100.00%)
Phosphate-Urine						
380	nasschemisch	10.5 mmol/l	15 %	9.0 - 12.1	26	26 (100.00%)
Potassium-Urine						
372	Alle Methoden	42 mmol/l	15 %	36 - 48	38	38 (100.00%)
Protein-Urine						
1106	Roche	271.8 mg/l	15 %	231.0 - 312.6	28	28 (100.00%)
335	Dimension	408.5 mg/l	15 %	347.2 - 469.8	5	5 (100.00%)
1224	andere Methoden	551.5 mg/l	15 %	468.8 - 634.2	3	3 (100.00%)
382	Abbott	327.3 mg/l	15 %	278.2 - 376.4	9	9 (100.00%)
Sodium-Urine						
377	Alle Methoden	106 mmol/l	15 %	90 - 122	37	37 (100.00%)
Specific Gravity-Urine						
383	Refraktometer	1.016 g/ml	5 %	0.965 - 1.067	4	4 (100.00%)
Urea-Urine						
371	Vitros	184 mmol/l	15 %	156 - 211	2	2 (100.00%)
370	nasschemisch	178 mmol/l	15 %	151 - 205	36	36 (100.00%)
Uric Acid-Urine						
3038	Siemens	0.88 mmol/l	15 %	0.75 - 1.01	4	4 (100.00%)
368	nasschemisch	0.78 mmol/l	15 %	0.66 - 0.89	25	25 (100.00%)
U05 Urine albumin/creatinin						
Creatinine U						
2860	Roche	106.3 mg/l	24 %	80.8 - 131.8	25	25 (100.00%)
2859	Abbott	114.8 mg/l	24 %	87.2 - 142.4	8	8 (100.00%)
3032	Siemens	97.3 mg/l	24 %	73.9 - 120.7	4	4 (100.00%)
2176	Aution	80.0 mg/l	24 %	60.8 - 99.2	15	10 (66.67%)
331	AFIAS	121.3 mg/l	24 %	92.2 - 150.4	18	16 (88.89%)
1187	Afinion	92.8 mg/l	24 %	70.5 - 115.1	533	509 (95.50%)
2403	Sysmex U	150.0 mg/l	24 %	114.0 - 186.0	19	15 (78.95%)
1377	andere Methoden	80.0 mg/l	24 %	60.8 - 99.2	6	6 (100.00%)
375	Turbidimetrie	122.0 mg/l	24 %	92.7 - 151.3	4	4 (100.00%)
376	DCA2000/Vantage	111.0 mg/l	24 %	84.4 - 137.7	160	153 (95.62%)
1051	Siemens Clinitek	80.0 mg/l	24 %	60.8 - 99.2	25	21 (84.00%)
Creatinine urine						
2177	Aution	4.4 mmol/l	21 %	3.5 - 5.3	15	12 (80.00%)
2402	Sysmex U	4.4 mmol/l	21 %	3.5 - 5.3	16	13 (81.25%)
364	nasschemisch	4.0 mmol/l	21 %	3.2 - 4.9	4	4 (100.00%)
365	Vitros	3.9 mmol/l	21 %	3.1 - 4.7	2	2 (100.00%)
1188	Afinion	3.6 mmol/l	21 %	2.8 - 4.3	530	525 (99.06%)
3027	Abbott	3.6 mmol/l	21 %	2.8 - 4.3	9	9 (100.00%)

		Target Value	Toleranz		Numbre	Conform
U05 Urine albumin/creatinin						
Creatinine urine						
3030	Siemens	3.6 mmol/l	21 %	2.8 - 4.3	6	6 (100.00%)
3029	Beckman	3.7 mmol/l	21 %	2.9 - 4.4	3	3 (100.00%)
3028	Roche	3.8 mmol/l	21 %	3.0 - 4.6	31	31 (100.00%)
1052	Siemens Clinitek	4.4 mmol/l	21 %	3.5 - 5.3	23	19 (82.61%)
644	DCA2000/Vantage	4.0 mmol/l	21 %	3.2 - 4.8	160	150 (93.75%)
1873	Fuji Dri-Chem	3.8 mmol/l	21 %	3.0 - 4.6	1	0 (0.00%)
V02 CMV NAT qn						
CMV NAT qn						
2917	Alle Methoden	0.00 Log10 IU/	0 %	-0.50 - 0.50	4	4 (100.00%)
V03 EBV NAT qn						
EBV NAT qn						
2919	Alle Methoden	3.83 Log10 IU/	0 %	3.33 - 4.33	4	4 (100.00%)
V04 HBV NAT qn						
HBV NAT qn						
2921	Alle Methoden	0.00 Log10 IU/	0 %	-0.50 - 0.50	11	11 (100.00%)
V05 HCV NAT qn						
HCV NAT qn						
2923	Alle Methoden	4.71 Log10 IU/	0 %	4.21 - 5.21	12	12 (100.00%)