

Valori ideali MQ 2026 - 1

31.03.2026 V1.0

		Risultato giusto	Tolleranza			Numero	Adempite
G01 Quick							
INR AKV							
3638	Innovin	3.00 INR	15 %	2.55 - 3.45	22	21 (95.45%)	
3668	Neoplastin R	1.53 INR	15 %	1.30 - 1.76	14	14 (100.00%)	
3634	Neoplastin CL Plus	1.43 INR	15 %	1.21 - 1.64	4	4 (100.00%)	
3632	NeoPTimal	2.49 INR	15 %	2.12 - 2.86	17	16 (94.12%)	
3643	Recombiplastina 2G	1.43 INR	15 %	1.22 - 1.64	15	14 (93.33%)	
aPTT OA							
3762	Actin FS	49.8 Sek	25 %	37.4 - 62.3	10	10 (100.00%)	
3763	Pathromtin SL	91.3 Sek	25 %	68.5 - 114.2	9	9 (100.00%)	
3764	Stago/STA	65.7 Sek	25 %	49.3 - 82.1	25	25 (100.00%)	
3765	aPTT-SP	65.8 Sek	25 %	49.3 - 82.2	13	12 (92.31%)	
3701	altri metodi	64.1 Sek	25 %	48.1 - 80.1	9	8 (88.89%)	
Fibrinogeno OA							
3964	Trombina Siemens	1.07 g/l	15 %	0.91 - 1.23	12	11 (91.67%)	
3966	Stago/STA	1.35 g/l	15 %	1.15 - 1.56	22	22 (100.00%)	
3967	HemosIL	1.27 g/l	15 %	1.08 - 1.47	15	13 (86.67%)	
G02 CoaguChek							
INR CoaguChek							
3670	CoaguChek Pro II	3.0 INR	15 %	2.6 - 3.5	1030	1009 (97.96%)	
G03 Coagulazione							
Quick N							
8138	Innovin	59.5 %	15 %	50.6 - 68.4	17	17 (100.00%)	
8132	Neoplastin R	61.0 %	15 %	51.9 - 70.2	12	12 (100.00%)	
8134	Neoplastin CL Plus	60.0 %	15 %	51.0 - 69.0	4	3 (75.00%)	
8131	NeoPTimal	53.6 %	15 %	45.5 - 61.6	11	11 (100.00%)	
8146	Recombiplastina 2G	73.1 %	15 %	62.1 - 84.0	14	14 (100.00%)	
8142	altri metodi	59.6 %	15 %	50.7 - 68.6	7	7 (100.00%)	
aPTT N							
8024	Actin FS	48.9 Sek	25 %	36.7 - 61.1	11	11 (100.00%)	
8025	Pathromtin SL	58.6 Sek	25 %	43.9 - 73.2	13	13 (100.00%)	
8027	Stago/STA	56.2 Sek	25 %	42.2 - 70.3	22	22 (100.00%)	
8028	aPTT-SP	48.4 Sek	25 %	36.3 - 60.5	13	13 (100.00%)	
8026	altri metodi	49.5 Sek	25 %	37.1 - 61.9	7	7 (100.00%)	
Fibrinogeno N							
8000	Trombina Siemens	1.69 g/l	15 %	1.44 - 1.94	15	13 (86.67%)	
8003	Stago/STA	2.11 g/l	15 %	1.79 - 2.42	20	20 (100.00%)	
8006	Fib Clauss (IL)	1.77 g/l	15 %	1.50 - 2.04	4	3 (75.00%)	
8004	ACL	1.71 g/l	15 %	1.45 - 1.97	14	13 (92.86%)	
Fattore II							
8150	Tutti i metodi	74.3 %	25 %	55.7 - 92.9	5	5 (100.00%)	

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G03 Coagulazione						
Fattore V						
8151	Tutti i metodi	55.2 %	25 %	41.4 - 69.0	11	10 (90.91%)
Fattore VII						
8152	Tutti i metodi	95.5 %	25 %	71.6 - 119.4	7	6 (85.71%)
Tempo di trombina N						
8052	Stago/STA	23 Sek	30 %	16 - 30	7	7 (100.00%)
8051	ACL	42 Sek	30 %	30 - 55	9	9 (100.00%)
8053	altri metodi	21 Sek	30 %	15 - 28	13	12 (92.31%)
G04 eparina non frazionata						
Quick H						
8238	Innovin	104.6 %	15 %	88.9 - 120.3	15	15 (100.00%)
8232	Neoplastin R	94.1 %	15 %	80.0 - 108.3	16	14 (87.50%)
8243	Recombiplastina 2G	100.5 %	15 %	85.4 - 115.6	16	16 (100.00%)
8242	altri metodi	105.3 %	15 %	89.5 - 121.1	7	6 (85.71%)
aPTT H						
8034	Actin FS	32.5 Sek	25 %	24.4 - 40.7	5	5 (100.00%)
8040	Actin FSL	33.6 Sek	25 %	25.2 - 42.0	5	5 (100.00%)
8035	Pathromtin SL	57.4 Sek	25 %	43.0 - 71.8	10	10 (100.00%)
8038	aPTT-SP	46.4 Sek	25 %	34.8 - 58.0	12	12 (100.00%)
8037	Stago/STA	52.3 Sek	25 %	39.2 - 65.3	16	16 (100.00%)
Fibrinogeno H						
8010	Trombina Siemens	2.96 g/l	15 %	2.51 - 3.40	5	5 (100.00%)
8013	Stago/STA	3.19 g/l	15 %	2.71 - 3.66	17	17 (100.00%)
8014	HemosIL	2.85 g/l	15 %	2.42 - 3.28	16	15 (93.75%)
8011	altri metodi	2.95 g/l	15 %	2.51 - 3.40	10	9 (90.00%)
Tempo di trombina H						
8062	Stago/STA	60 Sek	30 %	42 - 79	5	5 (100.00%)
8061	ACL	60 Sek	30 %	42 - 78	11	10 (90.91%)
8063	altri metodi	31 Sek	30 %	22 - 40	10	10 (100.00%)
Anti-FXa (unfrakt-Heparin)						
8159	Stago/STA	0.10 IU/ml	30 %	-0.40 - 0.60	15	15 (100.00%)
8160	ACL	0.22 IU/ml	30 %	-0.28 - 0.72	21	20 (95.24%)
8153	altri metodi	0.23 IU/ml	30 %	-0.27 - 0.73	25	25 (100.00%)

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G06 D-Dimeri						
D-Dimeri						
7128	Roche	0.40 mg/l	21 %	0.32 - 0.49	9	8 (88.89%)
7102	Siemens	1.41 mg/l	21 %	1.11 - 1.70	17	17 (100.00%)
7127	VIDAS	0.97 mg/l	21 %	0.77 - 1.18	17	17 (100.00%)
7101	STA Liatest	0.73 mg/l	21 %	0.58 - 0.89	19	19 (100.00%)
7112	ACL	1.46 mg/l	21 %	1.15 - 1.76	13	13 (100.00%)
7115	AQT 90 FLEX	0.51 mg/l	21 %	0.40 - 0.62	4	4 (100.00%)
7109	Pathfast	5.00 mg/l	21 %	3.95 - 6.05	22	21 (95.45%)
D-Dimeri qn AFIAS						
7428	AFIAS	1.39 mg/l	21 %	1.10 - 1.68	671	575 (85.69%)
D-Dimeri Triage						
8191	Triage	568.42 ng/ml	21 %	449.05 - 687.79441		389 (88.21%)
G09 CoaguChek APTT						
CoaguChek APTT						
3770	CoaguChek Pro II	87.9 Sek	25 %	65.9 - 109.8	13	12 (92.31%)
G11 CoaguChek XS INR						
INR CCXS						
3685	CoaguChek XS	2.9 INR	15 %	2.5 - 3.3	1143	1134 (99.21%)
G12 Hemochron						
INR HC						
3681	Hemochron j.	5.5	15 %	4.7 - 6.3	6	5 (83.33%)
G14 MicroINR						
INR MI						
3679	microINR Expert	2.0	15 %	1.7 - 2.3	33	25 (75.76%)
3677	microINR	2.0	15 %	1.7 - 2.3	96	83 (86.46%)
G16 INR Xprecia						
INR Xprecia						
3688	Xprecia	2.9	15 %	2.5 - 3.3	36	36 (100.00%)
G17 INR LumiraDX						
INR Lumira Dx						
3693	Lumira Dx	1.2	15 %	1.0 - 1.4	6	6 (100.00%)
G18 Eparina LMW						
Anti-FXa (LMW-Heparin)						
8163	Stago/STA	1.44 IU/ml	20 %	1.15 - 1.73	12	12 (100.00%)
8164	ACL	1.49 IU/ml	20 %	1.19 - 1.79	23	22 (95.65%)
8154	altri metodi	1.54 IU/ml	20 %	1.23 - 1.84	21	19 (90.48%)

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G19 Rivaroxaban						
Anti-FXa (Rivaroxaban)						
8161	Stago/STA	76.42 µg/l	20 %	61.14 - 91.71	15	13 (86.67%)
8162	ACL	83.47 µg/l	20 %	66.78 - 100.17	11	10 (90.91%)
G20 Apixaban						
Anti-FXa (Apixaban)						
8166	ACL	68.83 µg/l	20 %	55.07 - 82.60	5	5 (100.00%)
8165	Stago/STA	66.40 µg/l	20 %	53.12 - 79.68	8	7 (87.50%)
G23 INR Labpad						
INR Labpad						
3644	Labpad	1.4 INR	15 %	1.2 - 1.6	4	3 (75.00%)
H01 Ematologia						
Emoglobina						
274	Sysmex XN	101.0 g/l	9 %	91.9 - 110.1	60	60 (100.00%)
278	Sysmex XQ-320	101.8 g/l	9 %	92.7 - 111.0	276	271 (98.19%)
280	Sysmex XP-300	101.4 g/l	9 %	92.3 - 110.5	518	509 (98.26%)
268	Sysmex PocH-100i	99.9 g/l	9 %	91.0 - 108.9	168	166 (98.81%)
270	Mythic	99.0 g/l	9 %	90.1 - 107.9	187	181 (96.79%)
264	Swelab	106.0 g/l	9 %	96.5 - 115.5	20	20 (100.00%)
284	Micros 60	99.0 g/l	9 %	90.1 - 107.9	40	39 (97.50%)
228	Hemocue	100.6 g/l	9 %	91.5 - 109.6	384	368 (95.83%)
201	Automatico	100.7 g/l	9 %	91.6 - 109.7	5	5 (100.00%)
276	Hemocontrol	101.0 g/l	9 %	91.9 - 110.1	8	8 (100.00%)
204	Cianometemoglobina	101.6 g/l	9 %	92.5 - 110.8	12	12 (100.00%)
206	DiaSpect	107.4 g/l	9 %	97.7 - 117.1	11	9 (81.82%)
229	Hemocue Hb 801	115.5 g/l	9 %	105.1 - 125.9	8	8 (100.00%)
Ematocrito						
174	Sysmex XN	0.30 l/l	9 %	0.27 - 0.33	60	60 (100.00%)
178	Sysmex XQ-320	0.30 l/l	9 %	0.27 - 0.32	272	264 (97.06%)
180	Sysmex XP-300	0.29 l/l	9 %	0.26 - 0.31	518	510 (98.46%)
168	Sysmex PocH-100i	0.30 l/l	9 %	0.27 - 0.32	168	168 (100.00%)
170	Mythic	0.29 l/l	9 %	0.26 - 0.31	187	181 (96.79%)
164	Swelab	0.30 l/l	9 %	0.27 - 0.33	20	20 (100.00%)
184	Micros 60	0.27 l/l	9 %	0.24 - 0.29	40	35 (87.50%)
Eritrociti						
374	Sysmex XN	3.28 T/l	25 %	2.46 - 4.10	60	60 (100.00%)
378	Sysmex XQ-320	3.44 T/l	25 %	2.58 - 4.30	273	267 (97.80%)
380	Sysmex XP-300	3.31 T/l	25 %	2.48 - 4.13	518	514 (99.23%)
368	Sysmex PocH-100i	3.43 T/l	25 %	2.57 - 4.29	168	167 (99.40%)
370	Mythic	3.31 T/l	25 %	2.48 - 4.14	187	186 (99.47%)
364	Swelab	3.35 T/l	25 %	2.51 - 4.19	20	20 (100.00%)
384	Micros 60	3.19 T/l	25 %	2.39 - 3.99	40	38 (95.00%)

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H01 Ematologia						
Leucociti						
474	Sysmex XN	5.27 G/l	25 %	3.95 - 6.59	60	60 (100.00%)
478	Sysmex XQ-320	5.05 G/l	25 %	3.79 - 6.32	271	264 (97.42%)
480	Sysmex XP-300	4.95 G/l	25 %	3.71 - 6.19	518	516 (99.61%)
468	Sysmex PocH-100i	4.79 G/l	25 %	3.59 - 5.99	168	167 (99.40%)
470	Mythic	4.88 G/l	25 %	3.66 - 6.10	186	185 (99.46%)
464	Swelab	5.09 G/l	25 %	3.82 - 6.36	20	20 (100.00%)
484	Micros 60	4.67 G/l	25 %	3.50 - 5.83	40	39 (97.50%)
Trombociti						
568	Sysmex PocH-100i	187.5 G/l	25 %	140.6 - 234.4	168	168 (100.00%)
574	Sysmex XN	178.2 G/l	25 %	133.7 - 222.8	60	60 (100.00%)
578	Sysmex XQ-320	180.8 G/l	25 %	135.6 - 225.9	273	267 (97.80%)
580	Sysmex XP-300	187.4 G/l	25 %	140.6 - 234.3	517	513 (99.23%)
570	Mythic	184.5 G/l	25 %	138.4 - 230.6	187	186 (99.47%)
564	Swelab	193.6 G/l	25 %	145.2 - 242.0	20	20 (100.00%)
584	Micros 60	173.5 G/l	25 %	130.1 - 216.9	40	36 (90.00%)
H02 Ematologia Plus						
Emoglobina H2						
279	Microsemi	104.8 g/l	9 %	95.4 - 114.2	950	913 (96.11%)
285	Zybio Z3	108.2 g/l	9 %	98.5 - 118.0	358	346 (96.65%)
273	Nihon Kohden	107.6 g/l	9 %	98.0 - 117.3	32	31 (96.88%)
286	MEK-1303/5	107.3 g/l	9 %	97.6 - 116.9	91	86 (94.51%)
287	Dymind DP-H10	107.7 g/l	9 %	98.0 - 117.4	9	8 (88.89%)
Ematocrito H2						
179	Microsemi	0.28 l/l	9 %	0.26 - 0.31	951	908 (95.48%)
685	Zybio Z3	0.31 l/l	9 %	0.28 - 0.34	357	343 (96.08%)
173	Nihon Kohden	0.32 l/l	9 %	0.29 - 0.35	32	27 (84.38%)
230	MEK-1303/5	0.35 l/l	9 %	0.32 - 0.38	91	87 (95.60%)
288	Dymind DP-H10	0.29 l/l	9 %	0.27 - 0.32	9	8 (88.89%)
Eritrociti H2						
379	Microsemi	3.42 T/l	25 %	2.57 - 4.28	950	936 (98.53%)
385	Zybio Z3	3.45 T/l	25 %	2.58 - 4.31	357	348 (97.48%)
373	Nihon Kohden	3.60 T/l	25 %	2.70 - 4.50	32	32 (100.00%)
386	MEK-1303/5	3.58 T/l	25 %	2.69 - 4.48	91	88 (96.70%)
387	Dymind DP-H10	3.41 T/l	25 %	2.56 - 4.26	9	9 (100.00%)
Leucociti H2						
479	Microsemi	5.03 G/l	25 %	3.77 - 6.28	950	944 (99.37%)
485	Zybio Z3	4.96 G/l	25 %	3.72 - 6.20	357	352 (98.60%)
473	Nihon Kohden	5.24 G/l	25 %	3.93 - 6.55	32	32 (100.00%)
486	MEK-1303/5	5.20 G/l	25 %	3.90 - 6.50	91	91 (100.00%)
487	Dymind DP-H10	5.01 G/l	25 %	3.76 - 6.26	9	8 (88.89%)

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H02 Ematologia Plus						
Trombociti H2						
579	Microsemi	187.9 G/l	25 %	141.0 - 234.9	950	932 (98.11%)
585	Zybio Z3	203.2 G/l	25 %	152.4 - 254.0	357	351 (98.32%)
573	Nihon Kohden	177.9 G/l	25 %	133.4 - 222.4	32	32 (100.00%)
586	MEK-1303/5	199.4 G/l	25 %	149.6 - 249.3	89	88 (98.88%)
587	Dymind DP-H10	222.3 G/l	25 %	166.7 - 277.9	9	7 (77.78%)
CRP H2						
1679	Microsemi	27.0 mg/l	21 %	21.3 - 32.6	935	876 (93.69%)
1685	Zybio Z3	28.3 mg/l	21 %	22.4 - 34.3	335	318 (94.93%)
1686	MEK-1303/5	22.7 mg/l	21 %	17.9 - 27.4	79	79 (100.00%)
1687	Dymind DP-H10	20.4 mg/l	21 %	16.2 - 24.7	8	7 (87.50%)
1673	Celltac chemi	23.1 mg/l	21 %	18.3 - 28.0	13	12 (92.31%)
H04 Ematologia parassitaria						
Parassiti ematici						
8911	Parassitemia	0.2 %	100 %	-2.3 - 2.7	12	12 (100.00%)
8911	Parassitemia	0.1 %	100 %	-2.4 - 2.6	24	24 (100.00%)
H05 Ematologia BG						
Emoglobina BG						
4502	iStat	123.0 g/l	9 %	111.9 - 134.1	14	14 (100.00%)
Ematocrito						
4858	EPOC	0.33 l/l	9 %	0.30 - 0.36	23	20 (86.96%)
4503	iStat	0.36 l/l	9 %	0.32 - 0.39	20	19 (95.00%)
H06 Emogramma, automatico, 5-part						
Emoglobina						
105	Sysmex	101.8 g/l	9 %	92.7 - 111.0	138	138 (100.00%)
135	Beckman	104.5 g/l	9 %	95.1 - 113.9	17	17 (100.00%)
150	Yumizen/Pentra	104.8 g/l	9 %	95.4 - 114.3	13	13 (100.00%)
Ematocrito						
106	Sysmex	0.31 l/l	9 %	0.28 - 0.33	138	134 (97.10%)
136	Beckman	0.31 l/l	9 %	0.28 - 0.34	17	17 (100.00%)
151	Yumizen/Pentra	0.30 l/l	9 %	0.28 - 0.33	13	12 (92.31%)
Eritrociti						
107	Sysmex	3.28 T/l	25 %	2.46 - 4.10	138	138 (100.00%)
137	Beckman	3.37 T/l	25 %	2.53 - 4.21	17	17 (100.00%)
152	Yumizen/Pentra	3.33 T/l	25 %	2.50 - 4.17	14	14 (100.00%)
Leucociti						
108	Sysmex	6.80 G/l	25 %	5.10 - 8.50	137	136 (99.27%)
138	Beckman	6.44 G/l	25 %	4.83 - 8.05	17	14 (82.35%)
153	Yumizen/Pentra	4.66 G/l	25 %	3.50 - 5.83	15	12 (80.00%)
Trombociti						
109	Sysmex	231.2 G/l	25 %	173.4 - 289.1	136	135 (99.26%)
139	Beckman	218.3 G/l	25 %	163.7 - 272.8	17	17 (100.00%)

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H06 Emogramma, automatico, 5-part						
Trombociti						
154	Yumizen/Pentra	222.0 G/l	25 %	166.5 - 277.5	14	14 (100.00%)
Neutrofili						
110	Sysmex	3.60 G/l	25 %	2.70 - 4.49	135	128 (94.81%)
140	Beckman	3.24 G/l	25 %	2.43 - 4.05	17	12 (70.59%)
155	Yumizen/Pentra	1.72 G/l	25 %	1.29 - 2.15	13	11 (84.62%)
Linfociti						
111	Sysmex	2.55 G/l	25 %	1.91 - 3.18	135	134 (99.26%)
141	Beckman	2.56 G/l	25 %	1.92 - 3.20	17	16 (94.12%)
156	Yumizen/Pentra	2.57 G/l	25 %	1.92 - 3.21	13	11 (84.62%)
Monociti						
112	Sysmex	0.39 G/l	80 %	0.08 - 0.71	134	133 (99.25%)
142	Beckman	0.30 G/l	80 %	0.06 - 0.55	17	17 (100.00%)
157	Yumizen/Pentra	0.22 G/l	80 %	0.04 - 0.40	13	12 (92.31%)
Eosinofili						
113	Sysmex	0.14 G/l	80 %	0.03 - 0.26	132	131 (99.24%)
143	Beckman	0.17 G/l	80 %	0.03 - 0.31	17	17 (100.00%)
158	Yumizen/Pentra	0.09 G/l	80 %	-0.01 - 0.19	13	13 (100.00%)
Basofili						
114	Sysmex	0.09 G/l	80 %	-0.01 - 0.19	132	125 (94.70%)
144	Beckman	0.02 G/l	80 %	-0.08 - 0.12	17	17 (100.00%)
159	Yumizen/Pentra	0.04 G/l	80 %	-0.06 - 0.14	13	13 (100.00%)
Granulociti immaturi						
408	Sysmex	0.04 G/l	25 %	-0.06 - 0.14	121	116 (95.87%)
MCV						
404	Sysmex	93.4 fl	25 %	70.0 - 116.7	128	127 (99.22%)
415	Beckman	91.4 fl	25 %	68.6 - 114.3	16	16 (100.00%)
420	Yumizen/Pentra	91.3 fl	25 %	68.5 - 114.2	10	10 (100.00%)
MCH						
405	Sysmex	31.1 pg	25 %	23.3 - 38.8	128	128 (100.00%)
416	Beckman	31.0 pg	25 %	23.2 - 38.7	16	16 (100.00%)
421	Yumizen/Pentra	31.4 pg	25 %	23.5 - 39.2	11	11 (100.00%)
MCHC						
406	Sysmex	332 g/l	25 %	249 - 416	131	131 (100.00%)
417	Beckman	339 g/l	25 %	254 - 423	16	16 (100.00%)
422	Yumizen/Pentra	345 g/l	25 %	259 - 431	10	10 (100.00%)
RDW						
407	Sysmex	12.9 %	25 %	9.6 - 16.1	123	123 (100.00%)
418	Beckman	13.3 %	25 %	10.0 - 16.6	16	16 (100.00%)
423	Yumizen/Pentra	14.6 %	25 %	10.9 - 18.2	12	11 (91.67%)

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H07 Reticolociti, Automatico					
Reticolociti					
115	Sysmex	45.2 G/l	30 %	31.6 - 58.8	73 (100.00%)
145	Beckman	28.5 G/l	30 %	19.9 - 37.0	10 (100.00%)
H08 Indici del siero HIL					
Indice emolitico A					
2940	Roche	174.96	30 %	122.47 - 227.4527	27 (100.00%)
2944	Atellica	173.98	30 %	121.78 - 226.179	9 (100.00%)
Indice emolitico B					
2941	Roche	0.01	30 %	-7.99 - 8.01	26 (96.30%)
2945	Atellica	17.79	30 %	9.79 - 25.79	9 (66.67%)
Indice itterico A					
2960	Cobas	10.00	30 %	7.00 - 13.00	13 (100.00%)
2964	Atellica	8.63	30 %	6.04 - 11.22	8 (100.00%)
Indice itterico B					
2965	Atellica	0.80	30 %	-0.70 - 2.30	8 (100.00%)
2961	Cobas	0.01	30 %	-1.49 - 1.51	13 (100.00%)
Indice di lipemia A					
2950	Cobas	136.05	30 %	95.24 - 176.87	12 (100.00%)
2954	Atellica	121.28	30 %	84.90 - 157.67	8 (100.00%)
Indice di lipemia B					
2951	Cobas	512.63	30 %	358.84 - 666.42	12 (100.00%)
2955	Atellica	381.70	30 %	267.19 - 496.218	6 (75.00%)
H10 Velocità di eritrosedimentazione					
Velocità di eritrosedimentazione 1h					
399	MINI-CUBE	8 mm/h	40 %	4 - 12	38 (78.95%)
392	BD Seditainer	6 mm/h	40 %	2 - 10	45 (95.74%)
390	Sarstedt Sedivette	7 mm/h	40 %	3 - 11	26 (100.00%)
391	Sarstedt Microvette	6 mm/h	40 %	2 - 10	5 (100.00%)
393	altri metodi	8 mm/h	40 %	4 - 12	22 (81.82%)
Velocità di eritrosedimentazione 2h					
397	BD Seditainer	14 mm/2h	40 %	8 - 19	4 (100.00%)
395	Sarstedt Sedivette	14 mm/2h	40 %	8 - 19	6 (100.00%)
H12 Hemoscreen					
Emoglobina HS					
190	PixCell HemoScreen	149.9 g/l	9 %	136.4 - 163.3	44 (81.82%)
Ematocrito HS					
191	PixCell HemoScreen	0.4 l/l	9 %	0.3 - 0.4	44 (84.09%)
Eritrociti HS					
192	PixCell HemoScreen	4.28 T/l	25 %	3.21 - 5.35	44 (86.36%)
Leucociti HS					
193	PixCell HemoScreen	8.16 G/l	25 %	6.12 - 10.19	44 (90.91%)

		Risultato giusto	Tolleranza		Numero	Adempite
H12 Hemoscreen						
Trombociti HS						
194	PixCell HemoScreen	241.2 G/l	25 %	180.9 - 301.4	43	42 (97.67%)
H13 Zellzahl in BF						
Eritrociti BF						
9805	Sysmex	45.917 G/l	40 %	27.550 - 64.28440		39 (97.50%)
Leucociti BF						
9804	Sysmex	0.150 G/l	40 %	0.090 - 0.210	42	42 (100.00%)
Cellule mononucleari (MN)						
9807	Sysmex	0.116 G/l	40 %	0.069 - 0.162	40	35 (87.50%)
Cellule polinucleari (PMN)						
9808	Sysmex	0.062 G/l	40 %	-0.038 - 0.162	40	40 (100.00%)
Totale di cellule (TC)						
9806	Sysmex	0.152 G/l	40 %	0.091 - 0.213	36	36 (100.00%)
H15 BSR iSED/miniiSED						
Velocità di eritrosedimentazione						
389	miniiSed	5 mm/h	40 %	1 - 9	28	28 (100.00%)
I01 CRP						
CRP						
1606	Vitros	66.2 mg/l	21 %	52.3 - 80.1	7	7 (100.00%)
1609	Abbott	64.5 mg/l	21 %	51.0 - 78.1	9	9 (100.00%)
1611	Beckman	66.2 mg/l	21 %	52.3 - 80.1	5	5 (100.00%)
1617	Roche	65.9 mg/l	21 %	52.1 - 79.8	52	51 (98.08%)
1607	Siemens	61.6 mg/l	21 %	48.7 - 74.6	10	10 (100.00%)
1604	Autolyser	66.2 mg/l	21 %	52.3 - 80.2	12	10 (83.33%)
1632	Fuji Dri-Chem	63.9 mg/l	21 %	50.5 - 77.3	11	10 (90.91%)
1635	Spotchem D-Concept	61.7 mg/l	21 %	48.8 - 74.7	5	5 (100.00%)
1613	Piccolo	100.7 mg/l	21 %	79.6 - 121.8	4	4 (100.00%)
1601	Afinion	65.1 mg/l	21 %	51.5 - 78.8	985	981 (99.59%)
1602	Cobas b101	58.7 mg/l	21 %	46.4 - 71.0	478	476 (99.58%)
1630	NycoCard SingleTest-Plasma	61.8 mg/l	21 %	48.8 - 74.8	35	31 (88.57%)
1643	Turbidimetria	61.7 mg/l	21 %	48.7 - 74.7	5	4 (80.00%)
1616	Quick Read go	67.6 mg/l	21 %	53.4 - 81.7	85	73 (85.88%)
1615	AQT 90 FLEX	65.0 mg/l	21 %	51.4 - 78.7	4	4 (100.00%)
1610	Eurolyser	79.4 mg/l	21 %	62.7 - 96.1	45	37 (82.22%)
1699	altri metodi	187.5 mg/l	21 %	148.1 - 226.9	4	4 (100.00%)
CRP QR						
1625	QuickRead (sangue intero)	118.7 mg/l	21 %	93.7 - 143.6	7	7 (100.00%)

		Risultato giusto Tolleranza		Numero	Adempite
I02 Proteine plasmatiche					
Alfa-1-Antitripsina					
7530	Abbott	1.66 g/l	25 %	1.24 - 2.07	4 (100.00%)
7531	Roche	1.75 g/l	25 %	1.32 - 2.19	6 (100.00%)
7000	Siemens	1.95 g/l	25 %	1.46 - 2.43	4 (100.00%)
Anticorpi anti-streptolisina					
7533	Roche	242 kIU/l	25 %	182 - 303	12 (100.00%)
Beta-2 microglobulina					
7536	Roche	3.00 mg/l	25 %	2.25 - 3.75	8 (100.00%)
Complemento C3					
2365	Abbott	2.37 g/l	15 %	2.01 - 2.73	4 (100.00%)
2366	Roche	2.52 g/l	15 %	2.14 - 2.89	8 (100.00%)
2367	Siemens	2.48 g/l	15 %	2.11 - 2.85	5 (100.00%)
7004	altri metodi	2.44 g/l	15 %	2.07 - 2.80	5 (100.00%)
Complemento C4					
2371	Roche	0.43 g/l	15 %	0.37 - 0.50	7 (85.71%)
2372	Siemens	0.52 g/l	15 %	0.44 - 0.59	5 (100.00%)
6999	Alinity	0.51 g/l	15 %	0.43 - 0.59	4 (100.00%)
7005	altri metodi	0.43 g/l	15 %	0.37 - 0.50	7 (85.71%)
Ceruloplasmina					
7537	Abbott	435.00 mg/l	25 %	326.25 - 543.754	4 (100.00%)
7538	Roche	356.67 mg/l	25 %	267.50 - 445.835	5 (100.00%)
7021	Siemens	467.00 mg/l	25 %	350.25 - 583.754	4 (100.00%)
catene leggere libere kappa					
7034	N Latex	9.38 mg/l	30 %	6.57 - 12.19	7 (100.00%)
7027	Freelite	20.92 mg/l	30 %	14.65 - 27.20	14 (100.00%)
catene leggere libere lambda					
7028	Freelite	17.29 mg/l	30 %	12.10 - 22.48	14 (100.00%)
7035	N Latex	8.32 mg/l	30 %	5.83 - 10.82	7 (100.00%)
Aptoglobina					
7539	Abbott	2.27 g/l	25 %	1.71 - 2.84	5 (100.00%)
7540	Roche	2.18 g/l	25 %	1.63 - 2.72	22 (100.00%)
IgA					
7542	Abbott	3.38 g/l	15 %	2.87 - 3.89	4 (100.00%)
7543	Roche	3.38 g/l	15 %	2.88 - 3.89	16 (100.00%)
7544	Siemens	3.61 g/l	15 %	3.07 - 4.15	5 (100.00%)
2499	altri metodi	3.36 g/l	15 %	2.86 - 3.87	5 (100.00%)
IgE					
7009	Roche	218 kU/L	30 %	152 - 283	5 (100.00%)
IgG					
7547	Roche	17.28 g/l	15 %	14.69 - 19.87	18 (100.00%)
2344	Siemens	17.70 g/l	15 %	15.04 - 20.36	7 (100.00%)
2399	altri metodi	16.19 g/l	15 %	13.76 - 18.62	5 (100.00%)

		Risultato giusto Tolleranza		Numero	Adempite	
I02 Proteine plasmatiche						
IgM						
2545	Roche	1.51 g/l	15 %	1.28 - 1.73	17	16 (94.12%)
2544	Siemens	1.63 g/l	15 %	1.39 - 1.88	7	6 (85.71%)
2543	Turbidimetria	1.49 g/l	15 %	1.26 - 1.71	7	7 (100.00%)
Recettore solubile della transferrina						
7548	Roche	4.8 mg/l	25 %	3.6 - 6.0	17	17 (100.00%)
Prealbumina						
7550	Roche	306.00 mg/l	25 %	229.50 - 382.509		9 (100.00%)
7013	Tutti i metodi	324.00 mg/l	25 %	243.00 - 405.004		4 (100.00%)
Fattore reumatoide						
7024	Abbott	34.8 U/ml	25 %	26.1 - 43.5	5	5 (100.00%)
7552	Roche	30.0 U/ml	25 %	22.5 - 37.5	15	15 (100.00%)
Transferrina						
7553	Abbott	3.36 g/l	25 %	2.52 - 4.20	6	6 (100.00%)
7554	Roche	3.30 g/l	25 %	2.47 - 4.12	30	30 (100.00%)
7555	Siemens	3.17 g/l	25 %	2.37 - 3.96	6	6 (100.00%)
7008	altri metodi	3.41 g/l	25 %	2.56 - 4.26	6	6 (100.00%)
I03 Allergologia						
D1 Derm. pteronyssinus						
7666	AllergyScreen	2.10 kU/L	30 %	1.47 - 2.73	5	3 (60.00%)
D2 Derm. farinae						
7667	AllergyScreen	37.90 kU/L	30 %	26.53 - 49.27	4	3 (75.00%)
E1 Gatto						
7678	AllergyScreen	0.09 kU/L	30 %	-0.36 - 0.54	4	4 (100.00%)
E5 Cane						
7679	AllergyScreen	0.96 kU/L	30 %	0.51 - 1.42	4	3 (75.00%)
IgE Betulla, qn						
7604	Tutti i metodi	0.16 kU/L	30 %	-0.29 - 0.61	14	14 (100.00%)
IgE D. pteronyssinus qn						
7645	Tutti i metodi	4.20 kU/L	30 %	2.94 - 5.46	11	11 (100.00%)
IgE Arachidi qn						
7602	Tutti i metodi	0.14 kU/L	30 %	-0.31 - 0.59	12	12 (100.00%)
IgE Epitelio di gatto, qn						
7606	Tutti i metodi	0.11 kU/L	30 %	-0.34 - 0.56	14	14 (100.00%)
IgE fx5 qn						
7624	Tutti i metodi	0.20 kU/L	30 %	-0.25 - 0.65	7	7 (100.00%)
IgE rx1qn						
7626	Tutti i metodi	2.17 kU/L	30 %	1.52 - 2.83	6	6 (100.00%)
IgE rx2 qn						
7628	Tutti i metodi	2.70 kU/L	30 %	1.89 - 3.51	6	6 (100.00%)
IgE sx1 qn						
7622	Tutti i metodi	9.58 kU/L	30 %	6.71 - 12.45	8	8 (100.00%)

		Risultato giusto	Tolleranza		Numero	Adempite
I03 Allergologia						
IgE totale						
7620	Tutti i metodi	463 kU/L	30 %	324 - 602	15	15 (100.00%)
T3 Betulla						
7670	AllergyScreen	1.09 kU/L	30 %	0.76 - 1.42	4	1 (25.00%)
I05 CRP/Lp (a)						
CRP HS						
1680	Turbidimetria	5.01 mg/l	21 %	3.01 - 7.01	9	9 (100.00%)
Apolipoproteina A1						
8600	Alinity	1.93 g/l	30 %	1.35 - 2.50	7	7 (100.00%)
Apolipoproteina B						
8601	Alinity	1.5 g/l	30 %	1.0 - 1.9	7	7 (100.00%)
Lipoproteina (a)						
7289	Roche	58 nmol/l	25 %	43 - 72	15	15 (100.00%)
8222	Altri	78 nmol/l	25 %	58 - 97	7	6 (85.71%)
I07 CRP WB						
CRP						
1614	AFIAS	28.8 mg/l	21 %	22.7 - 34.8	244	230 (94.26%)
I10 celiachia						
IgA anti gliadina deam.						
7590	Phadia	0.90 U/ml	30 %	-0.10 - 1.90	8	8 (100.00%)
IgG anti gliadina deam.						
7591	Phadia	0.60 U/ml	30 %	-0.40 - 1.60	8	8 (100.00%)
IgA anti tTG						
7616	altri metodi	0.45 U/ml	30 %	-0.55 - 1.45	6	6 (100.00%)
IgG anti tTG						
7615	altri metodi	0.97 U/ml	30 %	-0.03 - 1.97	5	4 (80.00%)
I11 CRP Lumira						
CRP Lumira						
1603	Lumira Dx	27.1 mg/l	21 %	21.4 - 32.9	11	11 (100.00%)

		Risultato giusto	Tolleranza		Numero	Adempite
K01 Chimica						
Transaminasi GPT/ALT						
3413	Abbott	134 U/l	18 %	110 - 158	8	8 (100.00%)
3414	Beckman	138 U/l	18 %	113 - 163	5	5 (100.00%)
3423	Roche	133 U/l	18 %	109 - 157	50	50 (100.00%)
3499	Siemens	144 U/l	18 %	118 - 170	10	10 (100.00%)
3404	Autolyser	130 U/l	18 %	106 - 153	22	22 (100.00%)
3424	Selectra Pro	137 U/l	18 %	113 - 162	17	16 (94.12%)
3432	Fuji Dri-Chem	130 U/l	18 %	107 - 153	1213	1195 (98.52%)
3335	Spotchem D-Concept	115 U/l	18 %	94 - 136	648	644 (99.38%)
3408	Spotchem SP-4430	122 U/l	18 %	100 - 144	129	127 (98.45%)
3419	Piccolo	115 U/l	18 %	95 - 136	73	70 (95.89%)
3406	Vitros	140 U/l	18 %	115 - 165	7	7 (100.00%)
3407	Seamaty	163 U/l	18 %	133 - 192	10	10 (100.00%)
3420	Skyla	105 U/l	18 %	86 - 124	5	5 (100.00%)
Albumina						
601	Abbott	39.0 g/l	12 %	34.3 - 43.7	8	8 (100.00%)
610	Beckman	37.3 g/l	12 %	32.8 - 41.7	4	4 (100.00%)
623	Roche	39.6 g/l	12 %	34.9 - 44.4	44	44 (100.00%)
616	Siemens	38.3 g/l	12 %	33.7 - 42.9	7	7 (100.00%)
604	Autolyser	39.9 g/l	12 %	35.1 - 44.7	9	9 (100.00%)
624	Selectra Pro	39.0 g/l	12 %	34.3 - 43.7	11	11 (100.00%)
632	Fuji Dri-Chem	45.9 g/l	12 %	40.4 - 51.4	254	251 (98.82%)
635	Spotchem D-Concept	46.7 g/l	12 %	41.1 - 52.3	240	237 (98.75%)
608	Spotchem SP-4430	43.9 g/l	12 %	38.6 - 49.1	21	19 (90.48%)
603	Piccolo	42.0 g/l	12 %	36.9 - 47.0	64	63 (98.44%)
606	Vitros	37.6 g/l	12 %	33.1 - 42.1	6	6 (100.00%)
607	Seamaty	39.7 g/l	12 %	34.9 - 44.5	5	4 (80.00%)
614	Skyla	41.0 g/l	12 %	36.1 - 45.9	6	6 (100.00%)
609	Turbidimetria	38.0 g/l	12 %	33.4 - 42.6	6	6 (100.00%)
Fosfatasi alcalina						
712	Abbott	245 U/l	18 %	201 - 289	8	8 (100.00%)
714	Beckman	262 U/l	18 %	215 - 309	5	5 (100.00%)
723	Roche	208 U/l	18 %	170 - 245	48	47 (97.92%)
717	Siemens	222 U/l	18 %	182 - 262	10	10 (100.00%)
704	Autolyser	231 U/l	18 %	190 - 273	22	22 (100.00%)
724	Selectra Pro	282 U/l	18 %	231 - 333	13	13 (100.00%)
732	Fuji Dri-Chem	203 U/l	18 %	167 - 240	1075	1063 (98.88%)
735	Spotchem D-Concept	204 U/l	18 %	167 - 241	580	566 (97.59%)
708	Spotchem SP-4430	188 U/l	18 %	154 - 221	75	73 (97.33%)
719	Piccolo	257 U/l	18 %	211 - 303	50	50 (100.00%)
713	Seamaty	167 U/l	18 %	137 - 196	8	6 (75.00%)
706	Vitros	228 U/l	18 %	187 - 269	7	7 (100.00%)
736	Skyla	235 U/l	18 %	193 - 277	5	5 (100.00%)

		Risultato giusto	Tolleranza		Numero	Adempite
K01 Chimica						
Amilasi						
817	Abbott	350 U/l	18 %	287 - 413	6	6 (100.00%)
823	Roche	325 U/l	18 %	267 - 384	19	19 (100.00%)
804	Autolyser	310 U/l	18 %	254 - 365	9	9 (100.00%)
824	Selectra Pro	254 U/l	18 %	208 - 299	10	10 (100.00%)
832	Fuji Dri-Chem	336 U/l	18 %	276 - 397	757	752 (99.34%)
835	Spotchem D-Concept	351 U/l	18 %	288 - 414	405	399 (98.52%)
808	Spotchem SP-4430	341 U/l	18 %	280 - 403	52	50 (96.15%)
819	Piccolo	203 U/l	18 %	167 - 240	60	57 (95.00%)
815	Seamaty	308 U/l	18 %	253 - 364	10	10 (100.00%)
806	Vitros	231 U/l	18 %	189 - 272	5	4 (80.00%)
818	Beckman	359 U/l	18 %	294 - 423	5	5 (100.00%)
Transaminasi GOT/AST						
3313	Abbott	195 U/l	18 %	159 - 230	8	8 (100.00%)
3314	Beckman	197 U/l	18 %	162 - 233	5	5 (100.00%)
3323	Roche	192 U/l	18 %	158 - 227	50	50 (100.00%)
3399	Siemens	201 U/l	18 %	165 - 237	10	10 (100.00%)
3304	Autolyser	174 U/l	18 %	142 - 205	22	21 (95.45%)
3324	Selectra Pro	190 U/l	18 %	155 - 224	17	16 (94.12%)
3332	Fuji Dri-Chem	182 U/l	18 %	150 - 215	1190	1176 (98.82%)
3435	Spotchem D-Concept	181 U/l	18 %	149 - 214	643	639 (99.38%)
3308	Spotchem SP-4430	159 U/l	18 %	130 - 187	129	125 (96.90%)
3319	Piccolo	169 U/l	18 %	138 - 199	73	71 (97.26%)
3307	Seamaty	205 U/l	18 %	168 - 242	7	7 (100.00%)
3320	Skyla	194 U/l	18 %	159 - 229	7	7 (100.00%)
3306	Vitros	208 U/l	18 %	171 - 245	6	6 (100.00%)
Bilirubina diretta						
1047	Roche	41.2 µmol/l	18 %	33.8 - 48.6	16	16 (100.00%)
1036	Siemens	31.9 µmol/l	18 %	26.1 - 37.6	4	4 (100.00%)
1033	Fuji Dri-Chem	36.6 µmol/l	18 %	30.0 - 43.2	15	15 (100.00%)
1046	Vitros	23.5 µmol/l	18 %	19.3 - 27.7	4	4 (100.00%)
1031	altri metodi	36.2 µmol/l	18 %	29.7 - 42.7	6	6 (100.00%)
Bilirubina totale						
1009	Abbott	80.8 µmol/l	18 %	66.2 - 95.3	7	7 (100.00%)
1023	Roche	73.1 µmol/l	18 %	60.0 - 86.3	48	48 (100.00%)
1007	Siemens	88.2 µmol/l	18 %	72.3 - 104.1	10	10 (100.00%)
1004	Autolyser	79.4 µmol/l	18 %	65.1 - 93.7	19	18 (94.74%)
1024	Selectra Pro	74.9 µmol/l	18 %	61.4 - 88.4	17	16 (94.12%)
1032	Fuji Dri-Chem	77.0 µmol/l	18 %	63.1 - 90.9	891	873 (97.98%)
1035	Spotchem D-Concept	76.7 µmol/l	18 %	62.9 - 90.5	465	457 (98.28%)
1008	Spotchem SP-4430	77.2 µmol/l	18 %	63.3 - 91.1	67	64 (95.52%)
1013	Piccolo	75.5 µmol/l	18 %	61.9 - 89.1	59	54 (91.53%)
1006	Vitros	93.7 µmol/l	18 %	76.8 - 110.6	7	7 (100.00%)
1000	Seamaty	86.7 µmol/l	18 %	71.1 - 102.3	7	7 (100.00%)

		Risultato giusto Tolleranza		Numero	Adempite
K01 Chimica					
Bilirubina totale					
1014	Skyla	82.2 µmol/l	18 %	67.4 - 97.0	7 (100.00%)
1010	Beckman	82.2 µmol/l	18 %	67.4 - 97.0	6 (100.00%)
Calcio					
1109	Abbott	2.79 mmol/l	9 %	2.54 - 3.04	8 (100.00%)
1100	Beckman	2.90 mmol/l	9 %	2.64 - 3.16	6 (100.00%)
1123	Roche	2.83 mmol/l	9 %	2.58 - 3.09	49 (100.00%)
1129	Siemens	2.88 mmol/l	9 %	2.62 - 3.14	9 (100.00%)
1104	Autolyser	2.76 mmol/l	9 %	2.51 - 3.01	7 (100.00%)
1124	Selectra Pro	2.83 mmol/l	9 %	2.58 - 3.09	4 (100.00%)
1132	Fuji Dri-Chem	2.93 mmol/l	9 %	2.67 - 3.20	228 (94.74%)
1135	Spotchem D-Concept	2.21 mmol/l	9 %	2.01 - 2.41	64 (84.38%)
1108	Spotchem SP-4430	2.60 mmol/l	9 %	2.36 - 2.83	9 (100.00%)
1113	Piccolo	2.90 mmol/l	9 %	2.64 - 3.16	48 (97.92%)
1107	Seamaty	2.98 mmol/l	9 %	2.71 - 3.24	4 (75.00%)
1114	Skyla	2.83 mmol/l	9 %	2.58 - 3.09	4 (100.00%)
1106	Vitros	2.80 mmol/l	9 %	2.55 - 3.06	7 (100.00%)
Calcio ISE					
4694	iStat Chem8	1.10 mmol/l	12 %	0.97 - 1.23	8 (100.00%)
Cloruri					
1230	Abbott	109 mmol/l	6 %	102 - 116	8 (100.00%)
1200	Beckman	107 mmol/l	6 %	100 - 113	5 (100.00%)
1223	Roche	107 mmol/l	6 %	101 - 114	37 (97.30%)
1209	Siemens	109 mmol/l	6 %	102 - 116	10 (100.00%)
1232	Fuji Dri-Chem	112 mmol/l	6 %	106 - 119	987 (98.48%)
1235	Spotchem D-Concept	123 mmol/l	6 %	115 - 130	435 (94.94%)
1213	Piccolo	112 mmol/l	6 %	105 - 118	23 (100.00%)
1201	Exias	112 mmol/l	6 %	105 - 119	51 (98.04%)
1206	Vitros	111 mmol/l	6 %	104 - 118	5 (80.00%)
1214	Skyla	108 mmol/l	6 %	101 - 114	4 (100.00%)
1208	Spotchem EL-SE 1520	128 mmol/l	6 %	120 - 135	51 (90.20%)
4693	iStat Chem8	116 mmol/l	6 %	109 - 123	13 (100.00%)
Colesterolo					
1309	Abbott	6.10 mmol/l	10 %	5.49 - 6.71	8 (100.00%)
1310	Beckman	6.25 mmol/l	10 %	5.63 - 6.88	5 (100.00%)
1323	Roche	5.99 mmol/l	10 %	5.39 - 6.59	38 (100.00%)
1311	Siemens	6.10 mmol/l	10 %	5.49 - 6.71	9 (100.00%)
1304	Autolyser	6.19 mmol/l	10 %	5.57 - 6.81	22 (95.45%)
1324	Selectra Pro	6.13 mmol/l	10 %	5.52 - 6.75	15 (93.33%)
1332	Fuji Dri-Chem	5.66 mmol/l	10 %	5.09 - 6.22	1023 (96.48%)
1335	Spotchem D-Concept	5.51 mmol/l	10 %	4.96 - 6.06	500 (98.20%)
1308	Spotchem SP-4430	5.58 mmol/l	10 %	5.03 - 6.14	73 (94.52%)
1313	Piccolo	5.96 mmol/l	10 %	5.36 - 6.56	22 (100.00%)
1320	Cholestech LDX	6.03 mmol/l	10 %	5.42 - 6.63	224 (90.62%)

		Risultato giusto Tolleranza		Numero	Adempite
K01 Chimica					
Colesterolo					
1306	Vitros	6.13 mmol/l	10 %	5.52 - 6.75	5 4 (80.00%)
1307	Seamaty	6.60 mmol/l	10 %	5.94 - 7.26	7 7 (100.00%)
1399	altri metodi	4.91 mmol/l	10 %	4.42 - 5.40	4 4 (100.00%)
HDL-Colesterolo					
1428	Abbott	1.25 mmol/l	21 %	0.98 - 1.51	8 8 (100.00%)
1410	Beckman	1.26 mmol/l	21 %	1.00 - 1.52	6 4 (66.67%)
1423	Roche	1.00 mmol/l	21 %	0.79 - 1.21	36 36 (100.00%)
1436	Siemens	1.35 mmol/l	21 %	1.07 - 1.63	8 8 (100.00%)
1404	Autolyser	1.51 mmol/l	21 %	1.19 - 1.83	22 20 (90.91%)
1415	Selectra Pro	1.32 mmol/l	21 %	1.04 - 1.60	12 12 (100.00%)
1432	Fuji Dri-Chem	1.31 mmol/l	21 %	1.03 - 1.58	994 988 (99.40%)
1435	Spotchem D-Concept	0.94 mmol/l	21 %	0.74 - 1.14	488 481 (98.57%)
1408	Spotchem SP-4430	0.84 mmol/l	21 %	0.66 - 1.01	67 64 (95.52%)
1413	Piccolo	1.24 mmol/l	21 %	0.98 - 1.50	20 20 (100.00%)
1406	Vitros	1.30 mmol/l	21 %	1.03 - 1.57	5 5 (100.00%)
1420	Cholestech LDX	1.17 mmol/l	21 %	0.93 - 1.42	224 215 (95.98%)
1407	Seamaty	1.20 mmol/l	21 %	0.95 - 1.46	7 6 (85.71%)
eGFR CKD-EPI					
2742	Fuji Dri-Chem	9.9	30 %	7.0 - 12.9	441 405 (91.84%)
2743	Spotchem	11.3	30 %	7.9 - 14.7	275 241 (87.64%)
2740	Chimica umida	9.8	30 %	6.8 - 12.7	58 52 (89.66%)
eGFR Cockcroft-Gault					
2752	Fuji Dri-Chem	11	30 %	8 - 14	23 20 (86.96%)
2753	Spotchem	12	30 %	8 - 15	9 8 (88.89%)
eGFR MDRD					
2762	Fuji Dri-Chem	10	30 %	7 - 13	5 5 (100.00%)
2760	Chimica umida	10	30 %	7 - 13	4 3 (75.00%)
Ferro					
1709	Abbott	37 µmol/l	20 %	30 - 45	7 7 (100.00%)
1706	Beckman	39 µmol/l	20 %	31 - 47	6 6 (100.00%)
1723	Roche	36 µmol/l	20 %	29 - 44	27 27 (100.00%)
1707	Siemens	36 µmol/l	20 %	29 - 43	6 6 (100.00%)
Gamma-GT					
1810	Abbott	113 U/l	18 %	92 - 133	8 8 (100.00%)
1812	Beckman	108 U/l	18 %	89 - 127	6 6 (100.00%)
1811	Siemens	111 U/l	18 %	91 - 131	10 10 (100.00%)
1804	Autolyser	105 U/l	18 %	86 - 124	22 22 (100.00%)
1801	Selectra Pro	109 U/l	18 %	89 - 129	16 15 (93.75%)
1832	Fuji Dri-Chem	124 U/l	18 %	101 - 146	1188 1177 (99.07%)
1835	Spotchem D-Concept	127 U/l	18 %	104 - 150	640 636 (99.38%)
1808	Spotchem SP-4430	133 U/l	18 %	109 - 157	118 118 (100.00%)
1813	Piccolo	97 U/l	18 %	80 - 115	57 57 (100.00%)
1823	Cobas	107 U/l	18 %	88 - 126	49 49 (100.00%)

		Risultato giusto Tolleranza		Numero	Adempite
K01 Chimica					
Gamma-GT					
1806	Vitros	146 U/l	18 %	119 - 172	7 (100.00%)
1807	Seamaty	93 U/l	18 %	76 - 110	8 (100.00%)
1814	Skyla	103 U/l	18 %	84 - 121	7 (100.00%)
Glucosio					
1909	Abbott	13.5 mmol/l	9 %	12.3 - 14.7	10 (100.00%)
1925	Beckman	13.7 mmol/l	9 %	12.5 - 15.0	6 (100.00%)
1923	Roche	13.6 mmol/l	9 %	12.4 - 14.8	52 (98.08%)
1907	Siemens	13.3 mmol/l	9 %	12.1 - 14.5	7 (100.00%)
1904	Autolyser	13.2 mmol/l	9 %	12.0 - 14.4	19 (89.47%)
1924	Selectra Pro	14.0 mmol/l	9 %	12.7 - 15.3	16 (81.25%)
1932	Fuji Dri-Chem	12.1 mmol/l	9 %	11.0 - 13.2	1126 (99.47%)
1935	Spotchem D-Concept	13.2 mmol/l	9 %	12.0 - 14.4	604 (95.20%)
1908	Spotchem SP-4430	12.5 mmol/l	9 %	11.4 - 13.6	91 (84.62%)
1913	Piccolo	13.4 mmol/l	9 %	12.2 - 14.7	69 (100.00%)
1906	Vitros	13.2 mmol/l	9 %	12.0 - 14.4	7 (100.00%)
1900	Seamaty	13.9 mmol/l	9 %	12.6 - 15.1	8 (87.50%)
1920	Cholestech LDX	13.9 mmol/l	9 %	12.6 - 15.1	221 (80.09%)
1914	Skyla	13.9 mmol/l	9 %	12.7 - 15.2	7 (100.00%)
4695	iStat Chem8	12.0 mmol/l	9 %	10.9 - 13.0	9 (100.00%)
Glucosio BGM					
2032	Hemocue 201RT P-equiv	14.6 mmol/l	9 %	13.3 - 15.9	146 (97.26%)
2030	Hemocue 201+ P-equiv	14.6 mmol/l	9 %	13.3 - 15.9	143 (95.10%)
2087	Cobas Pulse	12.8 mmol/l	9 %	11.6 - 13.9	277 (100.00%)
2070	Accu-Chek Inform 2	15.0 mmol/l	9 %	13.7 - 16.4	934 (99.68%)
2085	Accu-Check Guide	12.5 mmol/l	9 %	11.4 - 13.6	329 (93.92%)
2065	Accu-Check Aviva	14.5 mmol/l	9 %	13.2 - 15.8	81 (93.83%)
2086	Accu-Check Instant	12.6 mmol/l	9 %	11.5 - 13.8	139 (94.96%)
2074	Contour NEXT/XT	13.2 mmol/l	9 %	12.0 - 14.3	1602 (96.57%)
1928	Statstrip/Xpress	11.4 mmol/l	9 %	10.4 - 12.5	111 (96.40%)
2031	mylife Pura	16.4 mmol/l	9 %	15.0 - 17.9	34 (100.00%)
2057	OneTouch Verio	13.6 mmol/l	9 %	12.3 - 14.8	27 (100.00%)
2076	Alpha Check	15.3 mmol/l	9 %	13.9 - 16.7	14 (100.00%)
2072	Healthpro	21.7 mmol/l	9 %	19.7 - 23.6	23 (82.61%)
2078	Mylife UNIO	15.8 mmol/l	9 %	14.4 - 17.2	99 (100.00%)
2021	Glucocard	18.4 mmol/l	9 %	16.7 - 20.1	5 (0.00%)
2066	Contour 2 (5s)	10.4 mmol/l	9 %	9.5 - 11.4	5 (80.00%)
Acido urico					
2109	Abbott	472 µmol/l	12 %	415 - 528	8 (100.00%)
2107	Beckman	486 µmol/l	12 %	428 - 544	6 (100.00%)
2123	Roche	463 µmol/l	12 %	407 - 518	45 (100.00%)
2199	Siemens	484 µmol/l	12 %	426 - 542	9 (100.00%)
2104	Autolyser	461 µmol/l	12 %	406 - 516	18 (100.00%)
2124	Selectra Pro	477 µmol/l	12 %	420 - 535	16 (93.75%)

		Risultato giusto Tolleranza		Numero	Adempite	
K01 Chimica						
Acido urico						
2132	Fuji Dri-Chem	507 µmol/l	12 %	446 - 568	1095	1084 (99.00%)
2135	Spotchem D-Concept	451 µmol/l	12 %	397 - 505	600	593 (98.83%)
2108	Spotchem SP-4430	404 µmol/l	12 %	355 - 452	90	87 (96.67%)
2113	Piccolo	406 µmol/l	12 %	357 - 454	33	26 (78.79%)
2100	Seamaty	456 µmol/l	12 %	401 - 510	7	7 (100.00%)
2106	Vitros	457 µmol/l	12 %	402 - 512	7	6 (85.71%)
2114	Skyla	450 µmol/l	12 %	396 - 504	7	7 (100.00%)
Urea						
2210	EPOC	18.2 mmol/l	15 %	15.5 - 20.9	6	4 (66.67%)
2211	Abbott	20.8 mmol/l	15 %	17.7 - 23.9	8	8 (100.00%)
2299	Beckman	20.3 mmol/l	15 %	17.2 - 23.3	6	6 (100.00%)
2223	Roche	19.3 mmol/l	15 %	16.4 - 22.1	47	47 (100.00%)
2209	Siemens	20.0 mmol/l	15 %	17.0 - 23.0	9	9 (100.00%)
2204	Autolyser	20.4 mmol/l	15 %	17.3 - 23.5	17	17 (100.00%)
2224	Selectra Pro	20.0 mmol/l	15 %	17.0 - 23.0	10	10 (100.00%)
2232	Fuji Dri-Chem	20.8 mmol/l	15 %	17.7 - 23.9	659	655 (99.39%)
2235	Spotchem D-Concept	17.9 mmol/l	15 %	15.2 - 20.6	339	301 (88.79%)
2208	Spotchem SP-4430	18.0 mmol/l	15 %	15.3 - 20.7	44	41 (93.18%)
2213	Piccolo	20.1 mmol/l	15 %	17.1 - 23.1	62	62 (100.00%)
2206	Vitros	18.4 mmol/l	15 %	15.6 - 21.1	7	7 (100.00%)
2214	Skyla	21.1 mmol/l	15 %	17.9 - 24.3	7	7 (100.00%)
4696	iStat Chem8	25.9 mmol/l	15 %	22.0 - 29.7	6	6 (100.00%)
2207	Seamaty	17.9 mmol/l	15 %	15.2 - 20.5	7	7 (100.00%)
Potassio						
2630	Abbott	5.95 mmol/l	6 %	5.59 - 6.31	8	8 (100.00%)
2607	Beckman	5.79 mmol/l	6 %	5.44 - 6.13	6	6 (100.00%)
2623	Roche	5.96 mmol/l	6 %	5.60 - 6.32	48	48 (100.00%)
2699	Siemens	5.80 mmol/l	6 %	5.45 - 6.15	8	7 (87.50%)
2636	Autolyser	6.62 mmol/l	6 %	6.22 - 7.02	8	4 (50.00%)
2632	Fuji Dri-Chem	5.94 mmol/l	6 %	5.58 - 6.29	1152	1138 (98.78%)
2635	Spotchem D-Concept	5.15 mmol/l	6 %	4.84 - 5.46	552	543 (98.37%)
2613	Piccolo	6.21 mmol/l	6 %	5.84 - 6.58	35	29 (82.86%)
2601	Exias	5.94 mmol/l	6 %	5.58 - 6.29	62	61 (98.39%)
2608	Spotchem EL-SE 1520	5.15 mmol/l	6 %	4.84 - 5.46	68	63 (92.65%)
2606	Vitros	6.01 mmol/l	6 %	5.65 - 6.37	7	7 (100.00%)
4692	iStat Chem8	5.80 mmol/l	6 %	5.45 - 6.15	11	11 (100.00%)
2625	i-Smart 30 PRO	5.90 mmol/l	6 %	5.55 - 6.25	16	15 (93.75%)
Creatina chinasi						
1511	Abbott	452 U/l	18 %	370 - 533	8	8 (100.00%)
1507	Beckman	463 U/l	18 %	379 - 546	6	6 (100.00%)
1523	Roche	432 U/l	18 %	354 - 510	45	45 (100.00%)
1528	Siemens	424 U/l	18 %	347 - 500	7	7 (100.00%)
1504	Autolyser	428 U/l	18 %	351 - 505	17	17 (100.00%)

		Risultato giusto Tolleranza		Numero	Adempite
K01 Chimica					
Creatina chinasi					
1524	Selectra Pro	432 U/l	18 %	355 - 510	7 (100.00%)
1532	Fuji Dri-Chem	482 U/l	18 %	395 - 568	687 (97.82%)
1535	Spotchem D-Concept	384 U/l	18 %	315 - 454	328 (99.39%)
1508	Spotchem SP-4430	423 U/l	18 %	347 - 499	35 (100.00%)
1513	Piccolo	427 U/l	18 %	350 - 504	23 (91.30%)
1506	Vitros	322 U/l	18 %	264 - 380	7 (100.00%)
1510	Seamaty	478 U/l	18 %	392 - 564	7 (100.00%)
Creatinina					
2701	Abbott	391 µmol/l	18 %	320 - 461	8 (100.00%)
2707	Beckman	402 µmol/l	18 %	330 - 474	6 (100.00%)
2723	Roche	381 µmol/l	18 %	313 - 450	48 (100.00%)
2799	Siemens	392 µmol/l	18 %	321 - 462	10 (100.00%)
2704	Autolyser	384 µmol/l	18 %	315 - 453	22 (100.00%)
2724	Selectra Pro	400 µmol/l	18 %	328 - 472	17 (100.00%)
2732	Fuji Dri-Chem	380 µmol/l	18 %	312 - 448	1222 (99.02%)
2735	Spotchem D-Concept	341 µmol/l	18 %	280 - 403	655 (99.24%)
2708	Spotchem SP-4430	359 µmol/l	18 %	295 - 424	131 (98.47%)
2719	Piccolo	393 µmol/l	18 %	322 - 463	65 (100.00%)
4860	EPOC	401 µmol/l	18 %	329 - 474	22 (77.27%)
2726	Skyla	398 µmol/l	18 %	326 - 469	7 (100.00%)
2712	Seamaty	353 µmol/l	18 %	289 - 416	8 (100.00%)
2706	Vitros	402 µmol/l	18 %	330 - 474	7 (100.00%)
Creatinina E					
6916	ABL700/800	404 µmol/l	18 %	331 - 476	16 (100.00%)
4697	iStat Chem8	386 µmol/l	18 %	317 - 456	46 (100.00%)
Lattato					
4685	Roche	5.00 mmol/l	18 %	4.10 - 5.90	16 (100.00%)
4689	altri metodi	4.88 mmol/l	18 %	4.00 - 5.75	12 (91.67%)
LDH					
2809	Abbott	298 U/l	18 %	244 - 352	10 (100.00%)
2807	Beckman	293 U/l	18 %	240 - 346	4 (100.00%)
2823	Roche	306 U/l	18 %	251 - 361	46 (100.00%)
2811	Siemens	302 U/l	18 %	247 - 356	8 (100.00%)
2804	Autolyser	308 U/l	18 %	253 - 364	4 (100.00%)
2832	Fuji Dri-Chem	246 U/l	18 %	202 - 290	95 (89.47%)
2835	Spotchem D-Concept	233 U/l	18 %	191 - 275	37 (91.89%)
2808	Spotchem SP-4430	218 U/l	18 %	179 - 258	11 (90.91%)
2806	Vitros	318 U/l	18 %	261 - 376	7 (100.00%)
Colesterolo LDL					
1430	Abbott	3.6 mmol/l	18 %	3.0 - 4.3	8 (87.50%)
1439	Beckman	4.0 mmol/l	18 %	3.3 - 4.8	4 (100.00%)
1431	Roche	4.2 mmol/l	18 %	3.4 - 4.9	25 (100.00%)
1443	Siemens	3.5 mmol/l	18 %	2.9 - 4.1	7 (100.00%)

		Risultato giusto Tolleranza			Numero	Adempite
K01 Chimica						
Colesterolo LDL						
1438	Autolyser	3.8 mmol/l	18 %	3.1 - 4.5	7	7 (100.00%)
1442	Selectra	3.4 mmol/l	18 %	2.8 - 4.0	6	5 (83.33%)
Litio						
6520	Roche	1.52 mmol/l	15 %	1.29 - 1.75	17	17 (100.00%)
Magnesio						
2909	Abbott	1.30 mmol/l	12 %	1.15 - 1.46	8	8 (100.00%)
2923	Roche	1.35 mmol/l	12 %	1.19 - 1.51	41	41 (100.00%)
2900	Siemens	1.37 mmol/l	12 %	1.20 - 1.53	11	11 (100.00%)
2932	Fuji Dri-Chem	1.46 mmol/l	12 %	1.29 - 1.64	52	49 (94.23%)
2935	Spotchem D-Concept	1.14 mmol/l	12 %	1.00 - 1.27	25	25 (100.00%)
2913	Piccolo	1.38 mmol/l	12 %	1.21 - 1.55	4	4 (100.00%)
2910	Beckman	1.39 mmol/l	12 %	1.22 - 1.55	4	4 (100.00%)
2906	Vitros	1.27 mmol/l	12 %	1.12 - 1.43	6	6 (100.00%)
Sodio						
3030	Abbott	154 mmol/l	6 %	144 - 163	8	8 (100.00%)
3009	Beckman	150 mmol/l	6 %	141 - 159	6	6 (100.00%)
3023	Roche	153 mmol/l	6 %	144 - 162	48	48 (100.00%)
3000	Siemens	151 mmol/l	6 %	142 - 160	10	10 (100.00%)
3032	Fuji Dri-Chem	157 mmol/l	6 %	148 - 167	1077	1062 (98.61%)
3035	Spotchem D-Concept	147 mmol/l	6 %	138 - 156	485	482 (99.38%)
3013	Piccolo	152 mmol/l	6 %	143 - 161	34	33 (97.06%)
4691	iStat Chem8	151 mmol/l	6 %	142 - 160	10	10 (100.00%)
3014	Skyla	154 mmol/l	6 %	145 - 164	5	5 (100.00%)
3006	Vitros	157 mmol/l	6 %	148 - 166	7	6 (85.71%)
3008	Spotchem EL-SE 1520	146 mmol/l	6 %	137 - 154	56	54 (96.43%)
3025	i-Smart 30 PRO	159 mmol/l	6 %	149 - 168	13	13 (100.00%)
3001	Exias	153 mmol/l	6 %	144 - 162	62	61 (98.39%)
Amilasi pancreatica						
921	Abbott	285 U/l	18 %	234 - 336	7	7 (100.00%)
923	Roche	288 U/l	18 %	236 - 340	28	28 (100.00%)
900	Siemens	338 U/l	18 %	277 - 398	8	8 (100.00%)
904	Autolyser	271 U/l	18 %	222 - 320	10	10 (100.00%)
Fosfati						
3109	Abbott	2.0 mmol/l	15 %	1.7 - 2.3	8	8 (100.00%)
3123	Roche	2.0 mmol/l	15 %	1.7 - 2.3	43	43 (100.00%)
3108	Siemens	2.0 mmol/l	15 %	1.7 - 2.3	9	9 (100.00%)
3104	Autolyser	1.9 mmol/l	15 %	1.6 - 2.2	4	4 (100.00%)
3132	Fuji Dri-Chem	2.1 mmol/l	15 %	1.8 - 2.4	60	57 (95.00%)
3135	Spotchem D-Concept	2.0 mmol/l	15 %	1.7 - 2.3	15	15 (100.00%)
3113	Piccolo	2.4 mmol/l	15 %	2.1 - 2.8	4	4 (100.00%)
3114	Skyla	2.2 mmol/l	15 %	1.9 - 2.5	5	5 (100.00%)
3106	Vitros	2.0 mmol/l	15 %	1.7 - 2.3	7	7 (100.00%)

		Risultato giusto Tolleranza		Numero	Adempite
K01 Chimica					
Proteine totali					
3209	Abbott	62.5 g/l	12 %	55.0 - 70.0	8 (100.00%)
3223	Roche	59.9 g/l	12 %	52.7 - 67.1	44 (100.00%)
3227	Siemens	62.7 g/l	12 %	55.1 - 70.2	9 (100.00%)
3204	Autolyser	60.8 g/l	12 %	53.5 - 68.1	5 (100.00%)
3224	Selectra Pro	61.4 g/l	12 %	54.0 - 68.8	7 (77.78%)
3232	Fuji Dri-Chem	56.0 g/l	12 %	49.3 - 62.7	197 (99.49%)
3235	Spotchem D-Concept	62.9 g/l	12 %	55.3 - 70.4	208 (96.63%)
3208	Spotchem SP-4430	61.7 g/l	12 %	54.3 - 69.1	23 (100.00%)
3213	Piccolo	61.4 g/l	12 %	54.0 - 68.8	50 (100.00%)
3207	Seamaty	58.5 g/l	12 %	51.5 - 65.5	6 (100.00%)
3206	Vitros	58.3 g/l	12 %	51.3 - 65.3	7 (100.00%)
3214	Skyla	63.7 g/l	12 %	56.0 - 71.3	7 (100.00%)
Trigliceridi					
3511	Abbott	2.00 mmol/l	18 %	1.64 - 2.35	8 (100.00%)
3525	Beckman	2.09 mmol/l	18 %	1.71 - 2.46	5 (100.00%)
3523	Roche	2.04 mmol/l	18 %	1.68 - 2.41	39 (100.00%)
3509	Siemens	2.15 mmol/l	18 %	1.77 - 2.54	9 (100.00%)
3504	Autolyser	2.05 mmol/l	18 %	1.68 - 2.42	23 (100.00%)
3524	Selectra Pro	2.10 mmol/l	18 %	1.73 - 2.48	15 (100.00%)
3532	Fuji Dri-Chem	2.09 mmol/l	18 %	1.71 - 2.46	1008 (97.32%)
3535	Spotchem D-Concept	1.85 mmol/l	18 %	1.52 - 2.18	482 (98.34%)
3508	Spotchem SP-4430	1.76 mmol/l	18 %	1.44 - 2.07	71 (98.59%)
3513	Piccolo	2.43 mmol/l	18 %	1.99 - 2.87	20 (90.00%)
3520	Cholestech LDX	2.01 mmol/l	18 %	1.64 - 2.37	224 (98.21%)
3507	Seamaty	2.42 mmol/l	18 %	1.98 - 2.85	9 (77.78%)
3506	Vitros	2.22 mmol/l	18 %	1.82 - 2.62	5 (100.00%)
K03A Emoglobina glicata (HbA1c)					
HbA1c campione A					
4756	Roche	5.9 %	9 %	5.4 - 6.5	26 (100.00%)
4754	HPLC	6.0 %	9 %	5.4 - 6.5	13 (100.00%)
4701	Afinion	5.7 %	9 %	5.2 - 6.2	610 (98.20%)
4710	Cobas b101	5.2 %	9 %	4.8 - 5.7	244 (98.36%)
4752	DCA Vantage	5.7 %	9 %	5.2 - 6.3	153 (97.39%)
4769	AFIAS	5.6 %	9 %	5.1 - 6.1	167 (87.43%)
4708	Eurolyser	6.0 %	9 %	5.4 - 6.5	6 (100.00%)
4767	A1c Now	5.5 %	9 %	5.0 - 6.0	211 (83.89%)
4776	Quick Read go	6.0 %	9 %	5.4 - 6.5	7 (85.71%)
4780	LumiraDx	6.0 %	9 %	5.4 - 6.5	4 (75.00%)
4771	Celltac chemi	5.7 %	9 %	5.2 - 6.2	39 (97.44%)
4753	Altri	5.9 %	9 %	5.4 - 6.4	16 (81.25%)

		Risultato giusto Tolleranza			Numero	Adempite
K03B Emoglobina glicata (HbA1c)						
HbA1c campione B						
4766	Roche	7.5 %	9 %	6.8 - 8.2	23	23 (100.00%)
4764	HPLC	7.6 %	9 %	6.9 - 8.3	12	12 (100.00%)
4702	Afinion	7.3 %	9 %	6.7 - 8.0	669	665 (99.40%)
4760	Cobas b101	7.2 %	9 %	6.5 - 7.8	223	220 (98.65%)
4762	DCA Vantage	7.4 %	9 %	6.7 - 8.1	166	163 (98.19%)
4770	AFIAS	7.4 %	9 %	6.8 - 8.1	243	202 (83.13%)
4777	Quick Read go	7.7 %	9 %	7.0 - 8.4	6	6 (100.00%)
4722	Celltac chemi	7.6 %	9 %	6.9 - 8.3	30	29 (96.67%)
4757	A1c Now	7.7 %	9 %	7.0 - 8.4	8	6 (75.00%)
4709	Eurolyser	7.7 %	9 %	7.0 - 8.4	4	2 (50.00%)
4763	Altri	7.6 %	9 %	6.9 - 8.3	15	15 (100.00%)
K04 Emogas						
pO2						
6902	ABL700/800	9.97 kPa	15 %	8.47 - 11.46	108	102 (94.44%)
6952	ABL90 FLEX / PLUS	7.48 kPa	15 %	6.36 - 8.60	166	150 (90.36%)
4003	GEM	9.10 kPa	15 %	7.73 - 10.46	19	16 (84.21%)
4146	Cobas b 123	9.25 kPa	15 %	7.86 - 10.64	16	15 (93.75%)
4151	iStat	11.45 kPa	15 %	9.73 - 13.17	56	50 (89.29%)
4852	EPOC	10.36 kPa	15 %	8.80 - 11.91	63	44 (69.84%)
4152	RAPIDPoint 500	9.85 kPa	15 %	8.37 - 11.32	29	28 (96.55%)
4148	IL	9.25 kPa	15 %	7.86 - 10.64	4	4 (100.00%)
pCO2						
6901	ABL700/800	2.81 kPa	12 %	2.48 - 3.15	108	108 (100.00%)
6951	ABL90 FLEX / PLUS	3.05 kPa	12 %	2.68 - 3.41	165	163 (98.79%)
4002	GEM	2.75 kPa	12 %	2.42 - 3.08	19	18 (94.74%)
4046	Cobas b 123	2.94 kPa	12 %	2.59 - 3.29	16	16 (100.00%)
4051	iStat	2.33 kPa	12 %	2.05 - 2.61	58	57 (98.28%)
4851	EPOC	2.38 kPa	12 %	2.10 - 2.67	63	58 (92.06%)
4052	RAPIDPoint 500	2.98 kPa	12 %	2.63 - 3.34	29	29 (100.00%)
4048	IL	2.70 kPa	12 %	2.38 - 3.02	4	4 (100.00%)
pH						
6900	ABL700/800	7.57	0 %	7.51 - 7.64	107	107 (100.00%)
6950	ABL90 FLEX / PLUS	7.59	0 %	7.52 - 7.66	166	166 (100.00%)
4001	GEM	7.64	0 %	7.57 - 7.71	19	19 (100.00%)
4246	Cobas b 123	7.58	0 %	7.51 - 7.65	17	17 (100.00%)
4251	iStat	7.66	0 %	7.59 - 7.73	61	61 (100.00%)
4850	EPOC	7.65	0 %	7.58 - 7.72	63	63 (100.00%)
4252	RAPIDPoint 500	7.60	0 %	7.53 - 7.67	29	29 (100.00%)
4248	IL	7.65	0 %	7.58 - 7.72	4	4 (100.00%)
Emoglobina BG						
6903	ABL700/800	195.7 g/l	9 %	178.1 - 213.3	100	99 (99.00%)
6953	ABL90 FLEX / PLUS	195.5 g/l	9 %	177.9 - 213.1	153	153 (100.00%)
6973	ABL80 FLEX CO-OX / OSM	195.5 g/l	9 %	177.9 - 213.1	4	4 (100.00%)

		Risultato giusto Tolleranza		Numero	Adempite
K04 Emogas					
Bilirubina OR					
6909	ABL700/800	450.5 µmol/l	18 %	369.4 - 531.6	4 (100.00%)
6959	ABL90 FLEX / PLUS	450.6 µmol/l	18 %	369.5 - 531.7	34 (97.06%)
FO2Hb OR					
6905	ABL700/800	48.831 %	20 %	39.065 - 58.59887	87 (100.00%)
6955	ABL90 FLEX / PLUS	49.000 %	20 %	39.200 - 58.800144	144 (100.00%)
FCOHb OR					
6906	ABL700/800	20.317 %	20 %	16.254 - 24.38187	86 (98.85%)
6956	ABL90 FLEX / PLUS	20.105 %	20 %	16.084 - 24.126145	145 (100.00%)
FMetHb OR					
6907	ABL700/800	10.000 %	20 %	8.000 - 12.000	87 (98.85%)
6957	ABL90 FLEX / PLUS	10.000 %	20 %	8.000 - 12.000	145 (100.00%)
FHbF OR					
6958	ABL90 FLEX / PLUS	51.028 %	20 %	40.822 - 61.23338	35 (92.11%)
FHHb					
6966	ABL90 FLEX / PLUS	20.959 %	20 %	16.767 - 25.15018	18 (100.00%)
sO2 OR					
6904	ABL700/800	70.112 %	20 %	56.090 - 84.13589	88 (98.88%)
6954	ABL90 FLEX / PLUS	70.100 %	20 %	56.080 - 84.120144	144 (100.00%)
4751	iStat	98.470 %	20 %	78.776 - 118.1631	31 (100.00%)
Sodio BG					
6911	ABL700/800	127.0 mmol/l	6 %	119.4 - 134.6	98 (100.00%)
6961	ABL90 FLEX / PLUS	127.0 mmol/l	6 %	119.4 - 134.6	153 (100.00%)
4004	GEM	123.0 mmol/l	6 %	115.6 - 130.4	13 (100.00%)
4646	Cobas b 123	122.4 mmol/l	6 %	115.1 - 129.8	17 (100.00%)
4651	iStat	124.0 mmol/l	6 %	116.6 - 131.4	23 (100.00%)
4853	EPOC	121.3 mmol/l	6 %	114.1 - 128.6	49 (97.96%)
4652	RAPIDPoint 500	124.2 mmol/l	6 %	116.8 - 131.7	28 (100.00%)
Potassio BG					
6910	ABL700/800	5.5 mmol/l	6 %	5.2 - 5.8	99 (100.00%)
6960	ABL90 FLEX / PLUS	5.5 mmol/l	6 %	5.2 - 5.8	154 (100.00%)
4005	GEM	5.6 mmol/l	6 %	5.3 - 5.9	12 (100.00%)
4546	Cobas b 123	5.5 mmol/l	6 %	5.1 - 5.8	16 (93.75%)
4551	iStat	5.3 mmol/l	6 %	5.0 - 5.6	23 (100.00%)
4854	EPOC	4.9 mmol/l	6 %	4.6 - 5.2	50 (98.00%)
4566	RAPIDPoint 500	5.5 mmol/l	6 %	5.2 - 5.9	28 (100.00%)
Cloruro-BG					
6913	ABL700/800	67.2 mmol/l	6 %	63.2 - 71.3	96 (94.79%)
6963	ABL90 FLEX / PLUS	64.3 mmol/l	6 %	60.4 - 68.1	149 (97.99%)
4661	Cobas b 123	71.0 mmol/l	6 %	66.8 - 75.3	12 (100.00%)
4849	EPOC	71.7 mmol/l	6 %	67.4 - 76.0	23 (95.65%)
4666	RAPIDPoint 500	65.9 mmol/l	6 %	61.9 - 69.8	28 (100.00%)

		Risultato giusto Tolleranza		Numero	Adempite
K04 Emogas					
Calcio BG					
6912	ABL700/800	0.38 mmol/l	12 %	0.14 - 0.62	98 (100.00%)
6962	ABL90 FLEX / PLUS	0.37 mmol/l	12 %	0.13 - 0.61	152 (100.00%)
4006	GEM	0.28 mmol/l	12 %	0.04 - 0.52	12 (100.00%)
4670	Cobas b 123	0.15 mmol/l	12 %	-0.09 - 0.39	12 (100.00%)
4673	iStat	0.30 mmol/l	12 %	0.06 - 0.54	21 (95.24%)
4855	EPOC	0.29 mmol/l	12 %	0.05 - 0.53	44 (97.78%)
4966	RAPIDPoint 500	0.33 mmol/l	12 %	0.09 - 0.57	27 (100.00%)
Glucosio GS					
6914	ABL700/800	14.0 mmol/l	9 %	12.8 - 15.3	99 (98.99%)
6964	ABL90 FLEX / PLUS	13.8 mmol/l	9 %	12.6 - 15.1	143 (99.31%)
4007	GEM	14.9 mmol/l	9 %	13.5 - 16.2	11 (100.00%)
4346	Cobas b 123	14.6 mmol/l	9 %	13.3 - 15.9	12 (100.00%)
4351	iStat	13.6 mmol/l	9 %	12.4 - 14.8	14 (100.00%)
4856	EPOC	14.1 mmol/l	9 %	12.8 - 15.4	45 (93.75%)
4366	RAPIDPoint 500	15.0 mmol/l	9 %	13.7 - 16.4	27 (100.00%)
Lattato-BG					
6915	ABL700/800	10.23 mmol/l	18 %	8.39 - 12.08	104 (99.04%)
6965	ABL90 FLEX / PLUS	10.50 mmol/l	18 %	8.61 - 12.39	157 (99.37%)
4008	GEM	11.70 mmol/l	18 %	9.59 - 13.81	13 (100.00%)
4680	Cobas b 123	10.99 mmol/l	18 %	9.01 - 12.97	10 (100.00%)
4859	iStat	10.80 mmol/l	18 %	8.86 - 12.75	20 (100.00%)
4857	EPOC	10.13 mmol/l	18 %	8.30 - 11.95	46 (100.00%)
4683	IL	11.70 mmol/l	18 %	9.59 - 13.81	4 (100.00%)
4686	RAPIDPoint 500	10.39 mmol/l	18 %	8.52 - 12.26	29 (96.55%)
K05 Marcatori cardiaci					
Troponina T					
8114	Cobas hs	565.54 ng/l	24 %	429.81 - 701.27	13 (100.00%)
8116	Cobas hs STAT	531.13 ng/l	24 %	403.66 - 658.60	25 (100.00%)
Troponina I					
8117	Abbott	860.8 ng/l	24 %	654.2 - 1067.4	5 (100.00%)
8215	Siemens	3190.8 ng/l	24 %	2425.0 - 3956.69	9 (100.00%)
8101	Vidas	6303.7 ng/l	24 %	4790.8 - 7816.5	13 (100.00%)
8214	Pathfast	2907.8 ng/l	24 %	2209.9 - 3605.7	23 (95.83%)
NT-proBNP					
7477	Abbott	513.9 ng/l	27 %	375.1 - 652.6	5 (100.00%)
7479	Siemens	351.0 ng/l	27 %	256.2 - 445.8	9 (100.00%)
7416	VIDAS	454.9 ng/l	27 %	332.1 - 577.7	10 (100.00%)
7478	Pathfast	1634.7 ng/l	27 %	1193.3 - 2076.1	18 (100.00%)
7467	Cobas E / Elecsys	452.3 ng/l	27 %	330.2 - 574.4	31 (100.00%)
CK-MB massa					
8093	VIDAS	18.8 µg/l	40 %	11.3 - 26.3	4 (100.00%)
8095	Cobas E / Elecsys	14.5 µg/l	40 %	8.7 - 20.3	14 (100.00%)

		Risultato giusto Tolleranza		Numero	Adempite	
K05 Marcatori cardiaci						
Mioglobina						
8125	Cobas E / Elecsys	68.9 µg/l	30 %	48.2 - 89.5	10	10 (100.00%)
8120	altri metodi	70.0 µg/l	30 %	49.0 - 91.0	4	4 (100.00%)
K06 Ormoni						
17-OH-Progesterone						
7495	altri metodi	9.1 nmol/l	30 %	6.4 - 11.8	4	4 (100.00%)
Androstendione						
7491	Roche	8.8 nmol/l	30 %	6.2 - 11.5	6	6 (100.00%)
Beta-HCG totale						
6659	AFIAS	439.5 U/l	21 %	347.2 - 531.8	6	6 (100.00%)
Cortisolo						
7264	Abbott	682 nmol/l	20 %	546 - 819	4	4 (100.00%)
7261	Roche	761 nmol/l	20 %	608 - 913	23	23 (100.00%)
7269	altri metodi	747 nmol/l	20 %	598 - 896	4	4 (100.00%)
DHEAS						
7340	Roche	15.46 µmol/l	30 %	10.82 - 20.10	14	14 (100.00%)
Estradiolo						
7370	Roche	2493 pmol/l	30 %	1745 - 3241	15	15 (100.00%)
7371	Siemens	4064 pmol/l	30 %	2845 - 5284	7	7 (100.00%)
7375	altri metodi	2356 pmol/l	30 %	1650 - 3063	6	6 (100.00%)
Ormone follicolo-stimolante						
8171	Roche	33.9 U/l	24 %	25.8 - 42.0	15	15 (100.00%)
8172	ADVIA Centaur XP/CP	36.0 U/l	24 %	27.4 - 44.7	5	5 (100.00%)
8170	altri metodi	39.0 U/l	24 %	29.6 - 48.4	4	3 (75.00%)
HGH						
6831	Liaison	17.40 µg/l	25 %	13.05 - 21.75	4	4 (100.00%)
6830	Tutti i metodi	17.82 µg/l	25 %	13.36 - 22.27	6	6 (100.00%)
Insulina						
7380	Roche	970 pmol/l	25 %	728 - 1213	19	19 (100.00%)
Ormone luteinizzante						
8183	Abbott	47.4 U/l	24 %	36.1 - 58.8	5	5 (100.00%)
8181	Roche	59.2 U/l	24 %	45.0 - 73.4	15	15 (100.00%)
8182	Siemens	56.6 U/l	24 %	43.1 - 70.2	6	6 (100.00%)
Progesterone						
7352	Abbott	51.6 nmol/l	30 %	36.1 - 67.0	4	4 (100.00%)
7350	Roche	71.2 nmol/l	30 %	49.8 - 92.6	11	11 (100.00%)
7355	altri metodi	73.1 nmol/l	30 %	51.2 - 95.0	6	6 (100.00%)
Prolattina (PRL)						
7272	Abbott	45.6 µg/l	24 %	34.7 - 56.5	5	5 (100.00%)
7271	Cobas/Roche	54.8 µg/l	24 %	41.7 - 68.0	16	16 (100.00%)
SHBG						
7362	Abbott	38.5 nmol/l	30 %	27.0 - 50.1	7	7 (100.00%)
7360	Roche	36.2 nmol/l	30 %	25.3 - 47.1	17	16 (94.12%)

		Risultato giusto	Tolleranza		Numero	Adempite
K06 Ormoni						
SHBG						
7361	Siemens	32.5 nmol/l	30 %	22.7 - 42.2	4	4 (100.00%)
IGF-1						
6846	Liaison	80 µg/l	25 %	60 - 99	7	6 (85.71%)
6845	altri metodi	47 µg/l	25 %	35 - 58	5	5 (100.00%)
Testosterone						
7390	Roche	28.6 nmol/l	30 %	20.0 - 37.2	18	18 (100.00%)
7391	Siemens	22.8 nmol/l	30 %	16.0 - 29.6	4	4 (100.00%)
Testosterone libero						
6834	altri metodi	95.5 pmol/l	25 %	71.6 - 119.4	4	4 (100.00%)
T3						
7214	Abbott	4.2 nmol/l	20 %	3.3 - 5.0	4	4 (100.00%)
7210	AFIAS	4.7 nmol/l	20 %	3.7 - 5.6	4	4 (100.00%)
FT3						
7396	Vitros	35.0 pmol/l	18 %	28.7 - 41.3	5	5 (100.00%)
7234	Abbott	16.7 pmol/l	18 %	13.7 - 19.7	6	6 (100.00%)
7231	Roche	18.3 pmol/l	18 %	15.0 - 21.5	30	30 (100.00%)
7233	Siemens	14.8 pmol/l	18 %	12.1 - 17.4	8	8 (100.00%)
7235	VIDAS	17.1 pmol/l	18 %	14.1 - 20.2	8	8 (100.00%)
T4						
7224	Abbott	167 nmol/l	20 %	134 - 201	4	3 (75.00%)
FT4						
7397	Vitros	90.0 pmol/l	20 %	72.0 - 108.0	5	5 (100.00%)
7244	Abbott	36.9 pmol/l	20 %	29.5 - 44.3	7	7 (100.00%)
7241	Roche	53.3 pmol/l	20 %	42.6 - 63.9	31	31 (100.00%)
7243	Siemens	39.0 pmol/l	20 %	31.2 - 46.8	8	8 (100.00%)
7246	VIDAS	52.6 pmol/l	20 %	42.1 - 63.1	9	9 (100.00%)
7249	altri metodi	59.4 pmol/l	20 %	47.5 - 71.2	4	4 (100.00%)
TSH						
7398	Vitros	25.61 mU/l	18 %	21.00 - 30.22	5	5 (100.00%)
7204	Abbott	20.10 mU/l	18 %	16.48 - 23.72	7	7 (100.00%)
7201	Roche	28.24 mU/l	18 %	23.16 - 33.33	36	36 (100.00%)
7203	Siemens	25.68 mU/l	18 %	21.06 - 30.31	9	9 (100.00%)
7205	VIDAS	30.92 mU/l	18 %	25.36 - 36.49	15	15 (100.00%)
7257	AFIAS	33.63 mU/l	18 %	27.57 - 39.68	12	11 (91.67%)
K08 Marcatori cardiaci h232						
Troponina T CR						
7445	Cobas h 232	114.75 ng/l	24 %	87.21 - 142.29	256	236 (92.19%)
NT-proBNP CR						
7422	Lumira Dx	344 ng/l	27 %	251 - 437	13	13 (100.00%)
7446	Cobas h 232	232 ng/l	27 %	170 - 295	321	262 (81.62%)

		Risultato giusto Tolleranza		Numero	Adempite	
K08 Marcatori cardiaci h232						
D-Dimeri CR						
7122	Lumira Dx	0.78 mg/l	21 %	0.62 - 0.94	13	12 (92.31%)
7442	Cobas h 232	0.72 mg/l	21 %	0.57 - 0.87	546	489 (89.56%)
K09 Emogas Opti CCA						
PO2 CCA						
4166	OPTI CCA	18.93 kPa	15 %	16.09 - 21.77	10	10 (100.00%)
PCO2 CCA						
4066	OPTI CCA	3.43 kPa	12 %	3.02 - 3.84	10	9 (90.00%)
pH CCA						
4266	OPTI CCA	7.60	0 %	7.53 - 7.66	9	8 (88.89%)
Sodio CCA						
4649	OPTI CCA	159.8 mmol/l	6 %	150.2 - 169.4	4	4 (100.00%)
Potassio CCA						
4549	OPTI CCA	5.8 mmol/l	6 %	5.5 - 6.2	5	5 (100.00%)
K10 Anemia						
Ferritina						
7053	Abbott	168.53 µg/l	24 %	128.08 - 208.987		7 (100.00%)
7052	Roche	124.87 µg/l	24 %	94.90 - 154.84	38	38 (100.00%)
7051	Siemens	97.75 µg/l	24 %	74.29 - 121.21	8	8 (100.00%)
7046	AFIAS	129.80 µg/l	24 %	98.65 - 160.95	20	20 (100.00%)
7045	RapidReader Cube Reader	237.60 µg/l	24 %	180.58 - 294.629		8 (88.89%)
7057	Mini Vidas	94.94 µg/l	24 %	72.16 - 117.73	8	8 (100.00%)
7050	altri metodi	85.33 µg/l	24 %	64.85 - 105.81	5	5 (100.00%)
Acido folico						
7073	Abbott	14.59 nmol/l	24 %	11.09 - 18.09	8	8 (100.00%)
7072	Roche	8.85 nmol/l	24 %	6.45 - 11.25	23	23 (100.00%)
7075	Siemens	7.15 nmol/l	24 %	4.75 - 9.55	8	8 (100.00%)
Vitamina B12						
7063	Abbott	268.90 pmol/l	21 %	212.43 - 325.37	10	10 (100.00%)
7062	Roche	290.85 pmol/l	21 %	229.77 - 351.93	22	22 (100.00%)
7061	Siemens	270.67 pmol/l	21 %	213.83 - 327.51	7	7 (100.00%)
7060	Tutti i metodi	273.70 pmol/l	21 %	216.22 - 331.189		8 (88.89%)
Holotranscobalamine						
7081	Abbott	128.0 pmol/l	30 %	89.6 - 166.4	8	8 (100.00%)
7084	Cobas	93.5 pmol/l	30 %	65.5 - 121.6	44	44 (100.00%)
K12 Bilirubina neonatale						
Bilirubina diretta						
1051	Tutti i metodi	139 µmol/l	18 %	114 - 164	22	22 (100.00%)
Bilirubina totale Neo						
1056	Dimension	269 µmol/l	18 %	220 - 317	7	7 (100.00%)
1050	Tutti i metodi	227 µmol/l	18 %	186 - 268	21	20 (95.24%)

		Risultato giusto	Tolleranza		Numero	Adempite
K12 Bilirubina neonatale						
Bilirubina neonatale						
1054	ABL700/800	279 µmol/l	18 %	229 - 330	12	12 (100.00%)
1053	altri metodi	303 µmol/l	18 %	249 - 358	16	16 (100.00%)
K14 Marcatori tumorali						
AFP						
6641	Roche	31.1 µg/l	21 %	24.6 - 37.6	15	15 (100.00%)
HCG qn						
6658	Abbott	65.8 U/l	21 %	52.0 - 79.6	6	6 (100.00%)
6651	Roche	68.3 U/l	21 %	54.0 - 82.7	25	25 (100.00%)
6653	Siemens	46.1 U/l	21 %	36.5 - 55.8	6	6 (100.00%)
6656	VIDAS	27.2 U/l	21 %	21.5 - 33.0	5	5 (100.00%)
CA 125						
6618	Abbott	284.3 kIU/l	25 %	213.2 - 355.3	4	4 (100.00%)
6611	Roche	186.2 kIU/l	25 %	139.6 - 232.7	13	13 (100.00%)
CA 15-3						
6628	Abbott	78.7 kIU/l	25 %	59.0 - 98.4	5	5 (100.00%)
6621	Roche	62.5 kIU/l	25 %	46.9 - 78.1	15	15 (100.00%)
6623	Siemens	70.3 kIU/l	25 %	52.7 - 87.8	4	4 (100.00%)
CA 19-9						
6661	Roche	126.3 kIU/l	25 %	94.7 - 157.8	15	15 (100.00%)
CEA						
6608	Abbott	37.5 µg/l	21 %	29.6 - 45.3	5	5 (100.00%)
6601	Roche	26.6 µg/l	21 %	21.1 - 32.2	18	18 (100.00%)
HCG intatto						
6670	Cobas	22.0 U/l	21 %	17.4 - 26.6	6	6 (100.00%)
NSE						
6677	Roche	37.4 ng/ml	25 %	28.1 - 46.8	7	7 (100.00%)
PSA						
6598	Abbott	21.51 µg/l	21 %	17.00 - 26.03	7	7 (100.00%)
6591	Roche	23.85 µg/l	21 %	18.84 - 28.86	23	23 (100.00%)
6696	AFIAS	25.35 µg/l	21 %	20.03 - 30.67	8	8 (100.00%)
6590	altri metodi	21.59 µg/l	21 %	17.06 - 26.12	5	5 (100.00%)
PSA libero						
6639	Abbott	5.08 µg/l	21 %	4.01 - 6.15	6	6 (100.00%)
6631	Roche	4.59 µg/l	21 %	3.63 - 5.56	18	18 (100.00%)
S100						
6675	Roche	3.54 µg/l	25 %	2.66 - 4.42	5	5 (100.00%)
Tireoglobulina						
6683	Roche	179.5 µg/l	25 %	134.6 - 224.4	8	8 (100.00%)

		Risultato giusto	Tolleranza		Numero	Adempite
K15 Creatinkinase Aktivität						
CK-MB						
6504	Fuji Dri-Chem	77.6 U/l	30 %	54.3 - 100.9	10	10 (100.00%)
6507	Cobas/Roche	55.4 U/l	30 %	38.8 - 72.0	9	9 (100.00%)
K20 PCT/C-Peptid						
ACTH						
6841	Roche	17.87 ng/l	25 %	13.40 - 22.33	9	9 (100.00%)
6842	Liaison	28.96 ng/l	25 %	21.72 - 36.20	4	4 (100.00%)
Peptide C						
6826	Roche	4.93 nmol/l	25 %	3.70 - 6.16	10	10 (100.00%)
6825	altri metodi	5.16 nmol/l	25 %	3.87 - 6.45	5	5 (100.00%)
Procalcitonina						
7320	Abbott	10.00 µg/l	27 %	7.30 - 12.70	5	5 (100.00%)
7281	VIDAS	6.62 µg/l	27 %	4.83 - 8.40	15	15 (100.00%)
7283	Siemens	9.85 µg/l	27 %	7.19 - 12.51	10	10 (100.00%)
7280	Roche	7.28 µg/l	27 %	5.32 - 9.25	21	21 (100.00%)
7321	Kryptor	7.68 µg/l	27 %	5.61 - 9.75	4	4 (100.00%)
7284	altri metodi	15.29 µg/l	27 %	11.16 - 19.42	4	4 (100.00%)
K21 PTH/EPO						
Paratormone						
7293	Cobas PTH STAT	12.8 pmol/l	24 %	9.8 - 15.9	15	15 (100.00%)
7292	ADVIA Centaur XP/CP	28.5 pmol/l	24 %	21.7 - 35.4	7	7 (100.00%)
7290	altri metodi	12.3 pmol/l	24 %	9.4 - 15.3	4	4 (100.00%)
7295	Cobas	15.7 pmol/l	24 %	11.9 - 19.5	11	11 (100.00%)
K22 Osmo						
Glucosio-K22						
6083	Chimica umida	5.3 mmol/l	9 %	4.8 - 5.7	12	11 (91.67%)
Urea-K22						
6084	Chimica umida	4.4 mmol/l	15 %	3.8 - 5.1	12	12 (100.00%)
Potassio-K22						
6081	ISE	3.9 mmol/l	6 %	3.6 - 4.1	12	12 (100.00%)
Sodio-K22						
6082	ISE	145 mmol/l	6 %	136 - 154	12	12 (100.00%)
Osmolalità						
6080	Crioscopia	325 mosm/kg	6 %	305 - 344	26	26 (100.00%)
Gap osmotico						
6085	Formula 1 (2Na+K+Glu+Hst)	25.6 mmol/l	40 %	15.4 - 35.8	8	8 (100.00%)
K24 Farmaci						
Digoxina						
9020	altri metodi	3.60 nmol/l	24 %	2.74 - 4.47	7	7 (100.00%)

		Risultato giusto Tolleranza		Numero	Adempite
K24 Farmaci					
Paracetamolo					
9023	Roche	612.5 µmol/l	25 %	459.4 - 765.6	4 (100.00%)
Valproato					
9021	Tutti i metodi	722.5 µmol/l	24 %	549.1 - 895.9	8 (100.00%)
Vancomicina					
9033	Roche	19.1 µmol/l	25 %	14.3 - 23.8	6 (100.00%)
9029	Siemens	22.5 µmol/l	25 %	16.9 - 28.1	5 (100.00%)
K25 Cistatina C					
Cistatina C					
7014	Roche	0.82 mg/l	24 %	0.62 - 1.01	20 (100.00%)
7015	Nefelometria	0.85 mg/l	24 %	0.65 - 1.06	8 (87.50%)
K28 Alcol/Ammoniaca					
Ammoniaca					
7950	Roche	55.6 µmol/l	21 %	44.0 - 67.3	9 (100.00%)
Etanolo					
7179	Abbott	8.7 mmol/l	18 %	6.9 - 10.5	5 (100.00%)
7191	Roche	8.3 mmol/l	18 %	6.5 - 10.1	28 (100.00%)
7178	Siemens	9.0 mmol/l	18 %	7.2 - 10.8	7 (100.00%)
K29 Calprotectina					
Calprotectina					
7183	Bühlmann Quantum Blue	429 µg/g	40 %	257 - 601	5 (100.00%)
7187	Liaison	181 µg/g	40 %	108 - 253	13 (84.62%)
7185	Bühlmann fCALturbo	424 µg/g	40 %	254 - 593	21 (85.71%)
K30 Lipidi Af/b101					
Colesterolo Af/b101					
1302	Cobas b101	3.53 mmol/l	10 %	3.17 - 3.88	356 (98.60%)
1301	Afinion	3.55 mmol/l	10 %	3.19 - 3.90	486 (97.12%)
HDL-Colesterolo Af/b101					
1402	Cobas b101	0.57 mmol/l	21 %	0.45 - 0.69	354 (90.68%)
1401	Afinion	0.71 mmol/l	21 %	0.56 - 0.86	486 (94.86%)
Trigliceridi Af/b101					
3502	Cobas b101	1.44 mmol/l	18 %	1.18 - 1.69	355 (99.44%)
3501	Afinion	1.49 mmol/l	18 %	1.22 - 1.76	487 (99.59%)
K31 Marcatori cardiaci AFIAS					
Troponina I AFIAS					
7431	AFIAS	922.84 ng/l	24 %	701.36 - 1144.3695	536 (77.12%)
NT-proBNP AFIAS					
7427	AFIAS	439.1 ng/l	27 %	320.5 - 557.6	542 (93.36%)

		Risultato giusto Tolleranza		Numero	Adempite
K32 Omocisteina					
Omocisteina					
8210	Abbott	12.6 µmol/l	30 %	8.8 - 16.4	7 (100.00%)
8209	Roche	15.5 µmol/l	30 %	10.8 - 20.1	15 (100.00%)
K34 Chimica clinica 2					
Bicarbonato					
4090	Roche	12.8 mmol/l	15 %	10.9 - 14.8	7 (100.00%)
Fruttosamina					
6511	Chimica umida	202 µmol/l	15 %	171 - 232	4 (100.00%)
Lipasi					
6499	Abbott	16.0 U/l	18 %	12.0 - 20.0	7 (100.00%)
6500	Beckman	18.5 U/l	18 %	15.2 - 21.8	4 (100.00%)
6492	Roche	19.9 U/l	18 %	16.3 - 23.4	9 (100.00%)
6501	Roche	19.9 U/l	18 %	16.3 - 23.5	32 (93.75%)
6496	Siemens	23.0 U/l	18 %	18.9 - 27.1	9 (100.00%)
6503	Fuji Dri-Chem	31.7 U/l	18 %	26.0 - 37.4	135 (98.52%)
Lipasi Vitros					
6502	Vitros	54.0 U/l	18 %	44.3 - 63.8	7 (100.00%)
K35 Liquido cerebrospinale					
Albumina CSF					
8944	Roche	327.67 mg/l	20 %	262.13 - 393.207	7 (100.00%)
Glucosio CSF					
8930	Roche	1.84 mmol/l	9 %	1.54 - 2.14	23 (100.00%)
8931	altri metodi	1.82 mmol/l	9 %	1.52 - 2.12	14 (100.00%)
Lattato CSF					
8932	Roche	3.95 mmol/l	18 %	3.24 - 4.66	15 (100.00%)
8933	altri metodi	4.12 mmol/l	18 %	3.38 - 4.86	7 (100.00%)
LDH CSF					
8936	Roche	58 U/l	20 %	46 - 70	6 (100.00%)
Proteine CSF					
8934	Roche	0.98 g/l	15 %	0.83 - 1.13	25 (96.15%)
8935	altri metodi	0.95 g/l	15 %	0.81 - 1.10	6 (85.71%)
K36 CDT (transferrina carboidrato carente)					
CDT					
7192	altri metodi	0.6 %	20 %	0.2 - 1.0	6 (83.33%)
K37 Immunosoppressore					
Tacrolimus					
9127	Tutti i metodi	11.4 µg/l	25 %	8.6 - 14.3	10 (100.00%)

		Risultato giusto	Tolleranza		Numero	Adempite
K38 Elettroforesi delle sieroproteine						
Proteina E totale						
7900	Tutti i metodi	69.6 g/l	12 %	61.3 - 78.0	21	20 (95.24%)
albumina E						
7901	Elettroforesi	67.8 %	12 %	59.6 - 75.9	34	34 (100.00%)
alfa-1-globuline						
7912	Elettroforesi capillare	3.7 %	30 %	2.6 - 4.8	24	24 (100.00%)
7902	Elettroforesi	2.2 %	30 %	1.6 - 2.9	10	10 (100.00%)
alfa-2-globuline						
7903	Elettroforesi	6.9 %	30 %	4.8 - 9.0	34	32 (94.12%)
beta-globuline						
7904	Elettroforesi	7.5 %	30 %	5.3 - 9.8	15	13 (86.67%)
Beta globulina 1						
7913	Elettroforesi	6.0 %	30 %	4.2 - 7.8	15	14 (93.33%)
Beta globulina 2						
7914	Elettroforesi	3.0 %	30 %	2.1 - 3.8	15	12 (80.00%)
Beta-Globulina+P						
7917	Elettroforesi	8 %	30 %	6 - 11	5	5 (100.00%)
gamma-Globuline						
7905	Elettroforesi	13.5 %	30 %	9.4 - 17.5	19	19 (100.00%)
Gamma-Globuline+P						
7916	Elettroforesi	14.0 %	30 %	9.8 - 18.2	15	15 (100.00%)
K39 Folati eritrocitari						
Folati eritrocitari						
7093	Abbott	179 nmol/l	40 %	107 - 251	5	4 (80.00%)
7094	Roche	1133 nmol/l	40 %	680 - 1586	27	27 (100.00%)
7091	Siemens	752 nmol/l	40 %	451 - 1052	5	5 (100.00%)
K40 Acidi biliari nel siero						
Acidi biliari						
3543	Abbott	18.4 µmol/l	30 %	12.9 - 23.9	5	5 (100.00%)
3542	Roche	21.5 µmol/l	30 %	15.0 - 27.9	16	16 (100.00%)
3544	Siemens	18.4 µmol/l	30 %	12.9 - 23.9	6	6 (100.00%)
K41 Marcatori cardiaci Triage						
Troponina I Triage						
8199	Triage high sensitive	527.63 ng/l	24 %	401.00 - 654.26614		569 (92.67%)
NT-pro BNP						
7414	Triage	113 ng/l	27 %	83 - 144	354	287 (81.07%)
BNP						
7460	Triage	5.0 ng/l	27 %	-15.0 - 25.0	4	4 (100.00%)

		Risultato giusto Tolleranza		Numero	Adempite
K42 Vitamina D					
Vitamina D 25 (OH)					
7296	Abbott	46.6 nmol/l	27 %	34.0 - 59.2	7 (100.00%)
7294	Roche	45.7 nmol/l	27 %	33.4 - 58.1	22 (95.65%)
7316	Siemens	37.5 nmol/l	27 %	27.4 - 47.6	5 (83.33%)
7312	LCMS	41.1 nmol/l	27 %	30.0 - 52.2	5 (100.00%)
7279	VIDAS	49.1 nmol/l	27 %	35.8 - 62.3	4 (100.00%)
7315	AFIAS	40.0 nmol/l	27 %	29.2 - 50.8	10 (100.00%)
7317	RapidReader Cube Reader	40.4 nmol/l	27 %	29.5 - 51.3	7 (63.64%)
7288	altri metodi	60.4 nmol/l	27 %	44.1 - 76.7	4 (100.00%)
Vitamina D 1,25-(OH)2					
7314	altri metodi	39.6 ng/l	27 %	28.9 - 50.3	6 (100.00%)
K43 AMH					
AMH					
6800	Roche	16.5 pmol/l	25 %	12.4 - 20.6	14 (100.00%)
6802	VIDAS	18.6 pmol/l	25 %	14.0 - 23.3	5 (100.00%)
K44 Inibina B					
Inibina B					
6805	Tutti i metodi	195.6 ng/l	25 %	146.7 - 244.5	9 (100.00%)
K45 Calcitonina					
Calcitonina					
6811	Liaison	42.7 pmol/l	25 %	32.0 - 53.4	6 (100.00%)
6810	altri metodi	40.2 pmol/l	25 %	30.1 - 50.2	7 (100.00%)
K46 IGF-BP3 / Renina / Aldosterone					
Aldosterone					
6838	Liaison	77.2 ng/l	30 %	54.1 - 100.4	7 (100.00%)
IGF-BP3					
6816	Cobas	3.32 mg/l	25 %	2.49 - 4.15	5 (100.00%)
Renina					
6817	Liaison	73.3 mU/l	25 %	55.0 - 91.7	7 (100.00%)
K47 Autoanticorpi tiroidei					
Anti Tireoglobulina					
6852	Roche	19 IU/ml	25 %	14 - 24	15 (100.00%)
6866	Alinity	2 IU/ml	25 %	0 - 5	4 (100.00%)
Anti TPO					
6858	Abbott	2.5 IU/ml	24 %	0.0 - 5.0	7 (100.00%)
6857	Roche	12.5 IU/ml	24 %	9.5 - 15.5	10 (66.67%)
TRAK					
6867	Abbott	1.20 IU/l	25 %	0.70 - 1.70	4 (100.00%)
6861	Roche	0.80 IU/l	25 %	0.30 - 1.30	11 (100.00%)

		Risultato giusto Tolleranza		Numero	Adempite
K48 Creatinina, corpi chetonici sangue intero					
Creatinina WB					
2720	Statsensor i / Nova	377 µmol/l	18 %	310 - 445	98 (87.76%)
eGFR CDK-EPI WB					
2764	Statsensor i / Nova	9	30 %	7 - 12	6 (100.00%)
Keton WB					
2769	altri metodi	0.45 mmol/l	15 %	0.38 - 0.52	4 (100.00%)
2767	Ketosure APEXBIO	0.63 mmol/l	15 %	0.54 - 0.73	5 (100.00%)
K49 IL6					
IL6					
7335	Roche	89.3 ng/l	30 %	62.5 - 116.2	4 (100.00%)
K51 Elastasi pancreatica					
Elastasi pancreatica					
7180	altri metodi	280 µg/g	40 %	168 - 392	14 (85.71%)
K52 Copeptin					
Copeptina					
7386	Kryptor	6.1 pmol/l	30 %	4.3 - 8.0	5 (100.00%)
K53 Preeclampsia					
PIGF					
7171	Roche	429.0 pg/ml	30 %	300.3 - 557.7	11 (100.00%)
SFIT1					
7170	Roche	2628.0 pg/ml	30 %	1839.6 - 3416.48	7 (87.50%)
K54 CO-Ossimetria					
tHb					
4420	RAPIDPoint 500	138.8 g/l	9 %	126.3 - 151.3	29 (100.00%)
4413	GEM	135.3 g/l	9 %	123.2 - 147.5	12 (100.00%)
4407	Cobas b 123	143.2 g/l	9 %	130.3 - 156.1	14 (100.00%)
O2Hb					
4421	RAPIDPoint 500	83.3 %	20 %	66.6 - 100.0	29 (100.00%)
4414	GEM	82.8 %	20 %	66.2 - 99.4	12 (100.00%)
4408	Cobas b 123	83.3 %	20 %	66.6 - 100.0	11 (100.00%)
COHb					
4422	RAPIDPoint 500	16.0 %	20 %	12.8 - 19.2	29 (100.00%)
4415	GEM	15.9 %	20 %	12.7 - 19.1	12 (100.00%)
4409	Cobas b 123	15.7 %	20 %	12.6 - 18.8	11 (100.00%)
MetHb					
4423	RAPIDPoint 500	0.4 %	20 %	-0.2 - 1.0	29 (100.00%)
4416	GEM	0.7 %	20 %	0.1 - 1.3	12 (100.00%)
4410	Cobas b 123	0.7 %	20 %	0.1 - 1.3	11 (100.00%)

		Risultato giusto Tolleranza			Numero	Adempite
K54 CO-Ossimetria						
HHb						
4417	GEM	0.6 %	20 %	-0.0 - 1.2	10	10 (100.00%)
4411	Cobas b 123	0.3 %	20 %	-0.3 - 0.9	11	11 (100.00%)
sO2						
8825	RAPIDPoint 500	99.6 %	20 %	79.7 - 119.5	27	27 (100.00%)
4418	GEM	99.3 %	20 %	79.5 - 119.2	12	12 (100.00%)
4412	Cobas b 123	99.6 %	20 %	79.7 - 119.5	11	11 (100.00%)
U01 Urina quantitativa						
Amilasi						
4821	IFCC	61 U/l	25 %	46 - 76	6	6 (100.00%)
Calcio						
5002	Abbott	1.77 mmol/l	9 %	1.59 - 1.95	5	5 (100.00%)
5001	Roche	1.88 mmol/l	9 %	1.70 - 2.06	26	26 (100.00%)
5009	altri metodi	1.97 mmol/l	9 %	1.79 - 2.15	10	10 (100.00%)
Cloro						
5109	Abbott	88 mmol/l	12 %	77 - 99	8	8 (100.00%)
5110	Roche	80 mmol/l	12 %	70 - 90	21	21 (100.00%)
Proteina						
6309	Abbott	224.8 mg/l	15 %	191.1 - 258.5	9	9 (100.00%)
6301	Roche	185.8 mg/l	15 %	158.0 - 213.7	32	32 (100.00%)
6300	Siemens	288.0 mg/l	15 %	244.8 - 331.2	6	5 (83.33%)
6302	altri metodi	422.7 mg/l	15 %	359.3 - 486.1	5	5 (100.00%)
Glucosio						
5309	Chimica umida	1.6 mmol/l	9 %	1.3 - 1.9	33	32 (96.97%)
Acido urico						
6310	Siemens	0.66 mmol/l	15 %	0.56 - 0.76	5	5 (100.00%)
5409	Chimica umida	0.61 mmol/l	15 %	0.51 - 0.70	29	29 (100.00%)
Urea						
5506	Vitros	150 mmol/l	15 %	127 - 172	4	4 (100.00%)
5509	Chimica umida	143 mmol/l	15 %	122 - 165	42	42 (100.00%)
Potassio						
5630	Tutti i metodi	31 mmol/l	15 %	27 - 36	46	46 (100.00%)
Magnesio						
5709	Chimica umida	1.64 mmol/l	12 %	1.44 - 1.84	27	26 (96.30%)
Sodio						
5930	Tutti i metodi	86 mmol/l	15 %	73 - 99	46	46 (100.00%)
Osmolalità						
6059	Crioscopia	429 mosm/kg	10 %	386 - 472	25	25 (100.00%)
Fosforo						
6209	Chimica umida	8.0 mmol/l	15 %	6.8 - 9.2	31	31 (100.00%)
Peso Specifico						
6460	Refrattometro	1.013 g/ml	5 %	0.963 - 1.064	5	5 (100.00%)

		Risultato giusto	Tolleranza		Numero	Adempite
U05 Urina albumina/creatinina						
Microalbumina						
5804	Abbott	67.0 mg/l	24 %	50.9 - 83.1	8	8 (100.00%)
5805	Roche	60.8 mg/l	24 %	46.2 - 75.4	30	30 (100.00%)
5807	Siemens	56.6 mg/l	24 %	43.0 - 70.1	5	5 (100.00%)
5852	DCA Vantage	66.5 mg/l	24 %	50.5 - 82.5	164	158 (96.34%)
5800	AFIAS	76.3 mg/l	24 %	58.0 - 94.6	22	17 (77.27%)
5803	Afinion	59.5 mg/l	24 %	45.2 - 73.7	552	539 (97.64%)
5220	Siemens Clinitek	80.0 mg/l	24 %	60.8 - 99.2	22	18 (81.82%)
5810	Sysmex U	80.0 mg/l	24 %	60.8 - 99.2	17	14 (82.35%)
5843	Turbidimetria	73.7 mg/l	24 %	56.0 - 91.4	4	4 (100.00%)
5218	Aution	80.0 mg/l	24 %	60.8 - 99.2	21	8 (38.10%)
5821	altri metodi	30.0 mg/l	24 %	22.8 - 37.2	10	8 (80.00%)
Creatinina urina						
5211	Abbott	3.8 mmol/l	21 %	3.0 - 4.6	9	9 (100.00%)
5212	Roche	4.1 mmol/l	21 %	3.3 - 5.0	38	38 (100.00%)
5214	Siemens	4.0 mmol/l	21 %	3.1 - 4.8	8	8 (100.00%)
5203	Afinion	3.8 mmol/l	21 %	3.0 - 4.6	548	537 (97.99%)
5201	DCA Vantage	4.3 mmol/l	21 %	3.4 - 5.2	164	155 (94.51%)
5209	Chimica umida	3.9 mmol/l	21 %	3.1 - 4.7	5	5 (100.00%)
5221	Siemens Clinitek	8.8 mmol/l	21 %	7.0 - 10.7	21	15 (71.43%)
5210	Sysmex U	4.4 mmol/l	21 %	3.5 - 5.3	14	13 (92.86%)
5206	Vitros	4.0 mmol/l	21 %	3.1 - 4.8	4	4 (100.00%)
5219	Aution	4.4 mmol/l	21 %	3.5 - 5.3	21	12 (57.14%)
5222	altri metodi	4.4 mmol/l	21 %	3.5 - 5.3	11	6 (54.55%)
V02 CMV NAT qn						
CMV NAT qn						
7701	Tutti i metodi	0.01 Log10 IU/	0 %	-0.49 - 0.51	5	5 (100.00%)
V03 EBV NAT qn						
EBV NAT qn						
7703	Tutti i metodi	3.90 Log10 IU/	0 %	3.40 - 4.40	4	4 (100.00%)
V04 HBV NAT, qn						
HBV NAT qn						
7705	Tutti i metodi	3.04 Log10 IU/	0 %	2.54 - 3.54	10	10 (100.00%)
V05 HCV NAT qn						
HCV NAT qn						
7707	Tutti i metodi	4.50 Log10 IU/	0 %	4.00 - 5.00	11	10 (90.91%)

		Risultato giusto Tolleranza		Numero	Adempite
V06 HIV NAT qn					
HIV1 NAT qn					
7709	Tutti i metodi	3.97 Log10 cp/ 0 %	3.47 - 4.47	11	11 (100.00%)