

## Background data – Clinical chemistry values

Parameter	Abbrv.	Unit		Male 7 weeks	Female 7 weeks	Male 3 months	Female 3 months	Male 6 months	Female 6 months
Alanine aminotransferase	ALAT	µ kat/l	MEAN	0,76	0,66	0,96	0,80	1,30	1,06
			SD	0,21	0,12	0,24	0,23	1,37	0,65
			NUMBER	21	20	17	17	17	17
Sorbitol dehydrogenase	SDH	µ kat/l	MEAN	1,29	1,34	1,33	1,49	1,75	1,68
			SD	0,34	0,40	0,57	0,41	1,48	0,70
			NUMBER	21	20	17	17	17	17
Aspartate aminotransferase	ASAT	µ kat/l	MEAN	0,55	0,48	0,39	0,33	0,64	0,50
			SD	0,18	0,09	0,13	0,07	0,74	0,45
			NUMBER	21	20	16	17	17	16
Alkaline phosphatase	ALKPH	µ kat/l	MEAN	4,67	4,68	3,67	3,63	2,55	2,30
			SD	0,87	0,74	0,98	1,10	0,68	0,90
			NUMBER	21	20	17	17	17	17
Bilirubin (total)	BILI	µ mol/l	MEAN	0,31	0,37	0,16	0,88	0,40	1,44
			SD	0,58	0,58	0,45	0,94	0,90	1,24
			NUMBER	21	20	17	17	17	17
Gamma glutamyltransferase	GGT	µ kat/l	MEAN	0,95	0,95	0,97	0,91	0,90	0,90
			SD	0,17	0,17	0,26	0,24	0,21	0,37
			NUMBER	21	20	17	17	17	17
Cholesterol	CHOL	mmol/l	MEAN	2,20	2,53	1,73	2,23	1,32	2,09
			SD	0,31	0,34	0,52	0,52	0,35	0,48
			NUMBER	21	20	17	17	17	17
Creatinekinase	CK	µ kat/l	MEAN	7,57	5,11	5,09	4,00	28,67	32,72
			SD	11,66	2,59	3,63	2,02	65,05	66,40
			NUMBER	21	20	17	17	17	17

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Parameter	Abbrv.	Unit		Male 7 weeks	Female 7 weeks	Male 3 months	Female 3 months	Male 6 months	Female 6 months
Lactate dehydrogenase	LDH	μ kat/l	MEAN	8,38	7,45	6,76	6,59	6,71	6,71
			SD	1,12	0,94	1,86	2,06	3,51	3,26
			NUMBER	21	20	17	17	17	17
Amylase	AMYL	IU/l	MEAN	42,12	42,93	48,34	54,02	42,76	46,92
			SD	6,18	5,57	8,74	7,61	11,80	9,52
			NUMBER	21	20	17	17	17	17
Protein (total)	TP	g/l	MEAN	53,37	55,78	52,32	52,76	53,01	60,17
			SD	2,73	2,75	11,23	10,13	11,76	12,95
			NUMBER	21	20	17	17	17	17
Triglycerides	TRIG	mmol/l	MEAN	0,58	0,57	0,41	0,47	0,31	0,48
			SD	0,17	0,15	0,16	0,14	0,10	0,15
			NUMBER	21	20	17	17	17	16
Carbamide	UREA	mmol/l	MEAN	1,85	1,87	1,89	2,16	1,66	2,34
			SD	0,40	0,33	0,53	0,62	0,46	0,68
			NUMBER	21	20	17	17	17	17
Creatinine	CREAT	μ mol/l	MEAN	46,90	49,65	59,47	62,53	76,65	74,18
			SD	7,79	6,77	9,73	10,36	13,20	20,63
			NUMBER	21	20	17	17	17	17
Glucose (wholeblood)	GLUC	mmol/l	MEAN	4,52	4,91	4,55	5,08	4,48	4,75
			SD	0,64	0,60	0,96	1,22	0,91	1,19
			NUMBER	21	20	17	17	17	17
Sodium	Na	mmol/l	MEAN	140,86	141,70	133,03	134,16	131,05	133,27
			SD	3,62	1,42	16,24	14,16	16,56	17,48
			NUMBER	21	20	17	17	17	17

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Parameter	Abbrv.	Unit		Male 7 weeks	Female 7 weeks	Male 3 months	Female 3 months	Male 6 months	Female 6 months
Potassium	K	mmol/l	MEAN	4,62	4,87	4,06	4,01	4,54	4,45
			SD	0,72	0,80	0,74	0,59	0,83	0,98
			NUMBER	21	20	17	17	17	17
Calcium	Ca	mmol/l	MEAN	2,68	2,73	2,40	2,45	2,32	2,41
			SD	0,11	0,09	0,49	0,40	0,45	0,43
			NUMBER	21	20	17	17	17	17
Magnesium	Mg	mmol/l	MEAN	1,13	1,13	0,92	0,96	0,89	0,95
			SD	0,11	0,08	0,18	0,16	0,20	0,17
			NUMBER	21	20	17	17	17	17
Inorganic phosphorous	Pi	mmol/l	MEAN	3,09	2,96	2,40	2,51	2,20	2,35
			SD	0,35	0,30	0,53	0,47	0,48	0,54
			NUMBER	21	20	17	17	17	17
Chloride	Cl	mmol/l	MEAN	99,40	100,69	91,73	92,53	91,35	91,48
			SD	2,53	1,91	11,25	9,49	12,05	12,45
			NUMBER	21	20	17	17	17	17
Albumin	ALB	%	MEAN	49,79	49,53	57,02	55,21	57,06	54,92
			SD	2,46	2,10	3,60	6,20	2,19	1,89
			NUMBER	20,00	20	15	17	17	17
Albumin (Indirect)	ALB	g/l	MEAN	26,50	27,63	30,53	29,06	30,19	32,81
			SD	2,00	1,84	6,41	6,08	6,80	6,47
			NUMBER	20	20	15	17	17	17
Albumin (Direct)	ALB	g/l	MEAN	36,43	37,75	39,12	38,76	40,35	43,24
			SD	2,48	2,02	8,09	8,33	8,75	8,04
			NUMBER	21	20	17	17	17	17

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a 1-globulin	ALPHA1	%	MEAN	4,77	4,27	3,75	5,27	4,13	3,44
			SD	1,07	1,22	1,16	2,73	1,78	1,32
			NUMBER	20	20	15	17	17	17
a 1-globulin	ALPHA1	g/l	MEAN	2,53	2,38	2,03	2,79	2,21	2,06
			SD	0,53	0,66	0,82	1,55	1,16	0,93
			NUMBER	20	20	15	17	17	17
a 2-globulin	ALPHA2	%	MEAN	20,64	21,91	16,80	16,82	16,01	16,68
			SD	1,83	1,66	1,91	2,08	2,10	2,52
			NUMBER	20	20	15	17	17	17
a 2-globulin	ALPHA2	g/l	MEAN	10,98	12,20	9,02	8,82	8,44	10,20
			SD	1,12	0,91	2,15	1,86	2,07	3,40
			NUMBER	20	20	15	17	17	17
b -globulin	BETA	%	MEAN	15,97	14,77	13,35	13,92	13,49	13,31
			SD	1,51	1,13	1,09	1,22	1,76	1,70
			NUMBER	20	20	15	17	17	17
b -globulin	BETA	g/l	MEAN	8,49	8,24	7,15	7,32	7,14	8,05
			SD	0,84	0,79	1,65	1,48	1,77	2,26
			NUMBER	20	20	15	17	17	17
g -globulin	GAMMA	%	MEAN	8,85	9,53	9,03	9,06	9,35	11,37
			SD	1,29	1,32	1,88	1,59	1,94	3,87
			NUMBER	20	20	15	17	17	17
g -globulin	GAMMA	g/l	MEAN	4,71	5,33	4,88	4,76	5,03	7,06
			SD	0,78	0,85	1,43	1,15	1,71	3,79
			NUMBER	20	20	15	17	17	17

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Parameter	Abbrv.	Unit		Male 7 weeks	Female 7 weeks	Male 3 months	Female 3 months	Male 6 months	Female 6 months
Albumin/globulin ratio	A/G		MEAN	1,00	0,98	1,33	1,22	1,34	1,26
			SD	0,10	0,08	0,12	0,09	0,20	0,23
			NUMBER	20	20	15	17	17	17

Data from 2008

**The clinical chemical values were determined using the instrumentation below:**

Hitachi 917, colorimetric: ASAT, ALAT, ALP, GGT, PHOS, CHOL, TRIG, UREA, CREA, GLUC, BILI, CA, MG, CK, ALB, TP, LDH, AMYL, SDH

Hitachi 917, ion selective electrodes: NA, K, CL,

Sebia Hydrasys/Hyrys, electrophoresis: Albumin, Alpha 1, Alpha 2, Beta, Gamma, A/G ratio