

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	m 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	m 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	m 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	m 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	m 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	m 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	m 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	m 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	m 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