Historical Control Data of Clinical Biochemistry in HsdRccHan™: WIST, Wistar Hannover Rats

Compiled fromToxicity Studies performed at RCC Ltd. Itingen/Switzerland

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Table 1: Glucose [mmol/L]

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
M	<= 7 WEEKS	6	3.77	0.82	2.45	4.76
M	8 - 12 WEEKS	198	4.84	0.73	3.19	7.67
M	13 - 18 WEEKS	129	5.17	0.81	2.60	8.23
M	19 - 40 WEEKS	80	5.46	0.71	4.32	8.12
M	41 - 70 WEEKS	13	5.76	0.74	4.82	7.03
M	>= 71 WEEKS	3	4.85	0.91	3.97	5.79

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
F	<= 7 WEEKS	6	4.13	0.95	2.49	5.22
F	8 - 12 WEEKS	183	4.75	0.59	3.16	7.73
F	13 - 18 WEEKS	133	5.07	0.78	3.19	9.40
F	19 - 40 WEEKS	82	5.24	0.68	3.58	7.24
F	41 - 70 WEEKS	13	5.67	0.61	4.45	6.62
F	>= 71 WEEKS	3	5.23	0.45	4.96	5.75

Table 2: Urease [mmol/L]

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
M	<= 7 WEEKS	6	4.87	0.73	3.82	5.76
M	8 - 12 WEEKS	198	5.80	1.13	3.26	9.80
M	13 - 18 WEEKS	129	5.30	0.52	3.94	7.32
M	19 - 40 WEEKS	80	5.33	0.45	4.06	6.54
M	41 - 70 WEEKS	13	5.03	0.28	4.57	5.47
M	>= 71 WEEKS	3	4.63	0.16	4.50	4.81

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
F	<= 7 WEEKS	6	5.53	0.30	5.07	5.97
F	8 - 12 WEEKS	183	6.43	0.90	4.02	9.50
F	13 - 18 WEEKS	133	6.44	0.66	4.31	8.36
F	19 - 40 WEEKS	82	6.57	0.46	5.61	7.57
F	41 - 70 WEEKS	13	6.46	0.50	5.46	7.13
F	>= 71 WEEKS	3	5.17	0.68	4.57	5.90

Table 3: Uric acid [µmol/L]

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
M	8 - 12 WEEKS	9	23.0	9.2	14.9	42.7
M	13 - 18 WEEKS	5	24.7	9.8	12.4	36.3
M	19 - 40 WEEKS	5	25.9	10.0	16.7	41.9

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
F	8 - 12 WEEKS	9	25.0	9.3	15.8	47.9
F	13 - 18 WEEKS	5	20.9	7.4	13.1	30.5
F	19 - 40 WEEKS	5	28.9	13.2	15.6	49.5

Table 4: Creatinine [µmol/L]

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
M	<= 7 WEEKS	6	16.4	2.0	13.6	19.4
M	8 - 12 WEEKS	202	22.8	2.0	14.7	27.5
M	13 - 18 WEEKS	130	25.1	2.1	19.8	33.9
M	19 - 40 WEEKS	80	27.5	1.8	21.8	31.7
M	41 - 70 WEEKS	13	30.7	2.0	27.3	33.3
M	>= 71 WEEKS	3	31.9	4.6	27.0	36.2

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
F	<= 7 WEEKS	6	18.7	1.5	17.1	21.1
F	8 - 12 WEEKS	185	26.1	2.1	18.2	31.5
F	13 - 18 WEEKS	134	28.8	2.4	22.4	35.5
F	19 - 40 WEEKS	82	31.9	2.2	26.9	38.7
F	41 - 70 WEEKS	13	33.3	2.1	30.3	36.8
F	>= 71 WEEKS	3	28.5	0.8	28.0	29.4

Table 5: Bilirubin, total [µmol/L]

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
M	<= 7 WEEKS	6	1.18	0.30	0.81	1.59
M	8 - 12 WEEKS	198	1.55	0.30	0.57	2.61
M	13 - 18 WEEKS	129	1.57	0.24	0.97	2.02
M	19 - 40 WEEKS	80	1.69	0.18	1.30	2.08
M	41 - 70 WEEKS	13	1.85	0.22	1.47	2.19
M	>= 71 WEEKS	3	2.25	0.07	2.17	2.30

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
F	<= 7 WEEKS	6	1.17	0.23	0.80	1.44
F	8 - 12 WEEKS	183	1.74	0.30	1.02	3.20
F	13 - 18 WEEKS	133	1.85	0.30	1.26	2.61
F	19 - 40 WEEKS	82	2.13	0.26	1.66	2.80
F	41 - 70 WEEKS	13	2.57	0.34	1.95	3.34
F	>= 71 WEEKS	3	2.43	0.20	2.26	2.65

Table 6: Bile acids[µmol/L]

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
M	8 - 12 WEEKS	7	31.37	15.21	11.65	55.13
M	13 - 18 WEEKS	6	21.44	9.00	10.04	34.58

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
F	8 - 12 WEEKS	5	23.53	8.28	17.00	37.36
F	13 - 18 WEEKS	6	24.53	7.82	16.75	33.98

Table 7: Cholesterol [mmol/L]

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
M	<= 7 WEEKS	6	2.14	0.18	1.95	2.42
M	8 - 12 WEEKS	198	1.72	0.19	1.10	2.44
M	13 - 18 WEEKS	129	1.65	0.18	1.06	2.30
M	19 - 40 WEEKS	80	1.81	0.19	1.41	2.37
M	41 - 70 WEEKS	13	2.38	0.26	1.65	2.68
M	>= 71 WEEKS	3	3.53	0.49	2.97	3.89

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
F	<= 7 WEEKS	6	1.70	0.21	1.50	2.04
F	8 - 12 WEEKS	183	1.42	0.19	0.98	2.08
F	13 - 18 WEEKS	133	1.47	0.18	0.98	1.95
F	19 - 40 WEEKS	82	1.60	0.18	1.13	2.14
F	41 - 70 WEEKS	13	2.17	0.35	1.66	2.99
F	>= 71 WEEKS	3	2.51	0.34	2.24	2.89

Table 8: High-density lipoprotein (Cholesterol) [mmol/L]

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
M	8 - 12 WEEKS	10	1.39	0.11	1.22	1.53
M	13 - 18 WEEKS	5	1.44	0.12	1.30	1.56

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
F	8 - 12 WEEKS	10	1.28	0.09	1.21	1.52
F	13 - 18 WEEKS	5	1.35	0.14	1.10	1.44

Table 9: Low-density lipoprotein (Cholesterol) [mmol/L]

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
M	8 - 12 WEEKS	10	0.20	0.03	0.15	0.27
M	13 - 18 WEEKS	5	0.21	0.05	0.17	0.28
M	19 - 40 WEEKS	3	0.23	0.02	0.21	0.23

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
F	8 - 12 WEEKS	10	0.12	0.02	0.09	0.15
F	13 - 18 WEEKS	5	0.09	0.03	0.04	0.12
F	19 - 40 WEEKS	3	0.10	0.02	0.07	0.11

Table 10: Triglycerides [mmol/L]

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
M	<= 7 WEEKS	6	0.50	0.09	0.41	0.64
M	8 - 12 WEEKS	198	0.54	0.27	0.24	2.24
M	13 - 18 WEEKS	129	0.50	0.14	0.22	0.97
M	19 - 40 WEEKS	80	0.47	0.14	0.25	1.01
M	41 - 70 WEEKS	13	0.83	0.25	0.57	1.26
M	>= 71 WEEKS	3	0.99	0.40	0.74	1.45

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
F	<= 7 WEEKS	6	0.40	0.15	0.25	0.68
F	8 - 12 WEEKS	183	0.30	0.16	0.16	1.73
F	13 - 18 WEEKS	133	0.31	0.07	0.19	0.80
F	19 - 40 WEEKS	82	0.33	0.06	0.25	0.56
F	41 - 70 WEEKS	13	0.45	0.19	0.33	1.06
F	>= 71 WEEKS	3	0.70	0.22	0.54	0.95

Table 11: Phospholipids [mmol/L]

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
M	<= 7 WEEKS	6	1.83	0.17	1.58	2.05
M	8 - 12 WEEKS	194	1.54	0.17	1.08	2.31
M	13 - 18 WEEKS	126	1.50	0.14	1.08	2.13
M	19 - 40 WEEKS	76	1.55	0.13	1.27	1.95
M	41 - 70 WEEKS	13	1.85	0.16	1.46	2.07
M	>= 71 WEEKS	3	2.22	0.34	1.84	2.51

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
F	<= 7 WEEKS	6	1.64	0.14	1.47	1.84
F	8 - 12 WEEKS	183	1.46	0.19	0.94	2.08
F	13 - 18 WEEKS	130	1.55	0.18	0.98	1.97
F	19 - 40 WEEKS	78	1.70	0.18	1.27	2.16
F	41 - 70 WEEKS	13	2.15	0.33	1.74	2.93
F	>= 71 WEEKS	3	2.14	0.60	1.54	2.74

Table 12: Alanine aminotransferase [U/L]

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
M	<= 7 WEEKS	6	30.5	8.9	24.5	46.5
M	8 - 12 WEEKS	198	35.9	11.5	21.6	76.6
M	13 - 18 WEEKS	129	31.9	4.9	21.2	62.6
M	19 - 40 WEEKS	80	33.8	3.3	24.9	43.5
M	41 - 70 WEEKS	13	35.3	3.0	30.5	42.1
M	>= 71 WEEKS	3	37.2	5.2	31.2	40.7

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
F	<= 7 WEEKS	6	23.1	7.6	17.6	37.8
F	8 - 12 WEEKS	183	28.0	9.3	16.2	69.4
F	13 - 18 WEEKS	133	25.1	3.8	16.8	41.2
F	19 - 40 WEEKS	82	31.1	5.3	21.3	45.9
F	41 - 70 WEEKS	13	45.1	14.8	30.2	87.6
F	>= 71 WEEKS	3	34.1	5.1	30.4	39.9

Table 13: Aspartate aminotransferase [U/L]

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
M	<= 7 WEEKS	6	87.4	11.8	79.2	111.1
M	8 - 12 WEEKS	199	78.3	9.0	62.8	138.7
M	13 - 18 WEEKS	130	76.5	6.2	63.2	103.9
M	19 - 40 WEEKS	80	76.9	4.8	68.1	90.6
M	41 - 70 WEEKS	13	74.5	3.8	69.6	83.3
M	>= 71 WEEKS	3	82.2	5.5	77.4	88.3

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
F	<= 7 WEEKS	6	81.4	6.5	76.8	94.2
F	8 - 12 WEEKS	184	75.5	7.3	61.4	123.4
F	13 - 18 WEEKS	134	72.4	7.1	59.4	101.6
F	19 - 40 WEEKS	82	80.9	9.5	64.6	110.9
F	41 - 70 WEEKS	13	104.5	22.8	71.3	160.6
F	>= 71 WEEKS	3	91.9	12.1	80.2	104.3

Table 14: Lactate dehydrogenase [U/L]

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
M	<= 7 WEEKS	6	184.5	36.7	139.3	237.3
M	8 - 12 WEEKS	183	230.0	255.6	94.6	2921.0
M	13 - 18 WEEKS	117	202.9	96.8	76.0	685.1
M	19 - 40 WEEKS	66	191.7	74.8	100.8	527.8
M	41 - 70 WEEKS	11	183.0	36.6	113.4	224.5
M	>= 71 WEEKS	3	313.0	72.4	229.6	359.3

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
F	<= 7 WEEKS	6	200.6	50.8	150.0	288.8
F	8 - 12 WEEKS	173	211.1	100.9	84.4	749.3
F	13 - 18 WEEKS	118	200.5	111.3	78.7	1052.4
F	19 - 40 WEEKS	68	192.0	64.8	102.3	379.8
F	41 - 70 WEEKS	11	186.7	62.4	145.2	355.3
F	>= 71 WEEKS	3	198.2	39.5	154.1	230.3

Table 15: Glutamate dehydrogenase [U/L]

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
M	<= 7 WEEKS	6	7.1	1.2	4.9	8.4
M	8 - 12 WEEKS	170	6.5	4.5	3.2	61.5
M	13 - 18 WEEKS	114	6.7	1.4	3.9	11.7
M	19 - 40 WEEKS	61	8.3	1.5	5.6	13.4
M	41 - 70 WEEKS	8	10.1	2.0	7.4	12.6

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
F	<= 7 WEEKS	6	6.7	1.1	5.0	7.9
F	8 - 12 WEEKS	164	6.1	1.6	3.4	15.9
F	13 - 18 WEEKS	118	7.2	3.3	3.6	27.5
F	19 - 40 WEEKS	63	14.9	7.6	3.9	36.6
F	41 - 70 WEEKS	8	47.5	27.5	22.3	90.5

Table 16: Alkaline phosphatase [U/L]

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
M	<= 7 WEEKS	6	198.4	15.1	179.1	215.2
M	8 - 12 WEEKS	198	128.5	29.0	90.4	255.8
M	13 - 18 WEEKS	129	90.1	13.5	56.5	142.1
M	19 - 40 WEEKS	80	59.5	6.1	46.5	79.4
M	41 - 70 WEEKS	13	50.0	3.8	42.8	55.3
M	>= 71 WEEKS	3	50.9	3.2	47.7	54.0

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
F	<= 7 WEEKS	6	135.9	34.0	104.7	195.1
F	8 - 12 WEEKS	183	63.3	16.5	43.3	158.3
F	13 - 18 WEEKS	133	42.3	8.8	22.5	71.0
F	19 - 40 WEEKS	82	22.1	4.0	14.9	44.1
F	41 - 70 WEEKS	13	15.2	1.9	13.0	19.4
F	>= 71 WEEKS	3	16.9	0.8	16.1	17.6

Table 17: Gamma glutamyl transferase [U/L]

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
M	<= 7 WEEKS	6	0.3	0.6	0.0	1.6
M	8 - 12 WEEKS	195	0.0	0.1	0.0	1.9
M	13 - 18 WEEKS	126	0.0	0.1	0.0	1.3
M	19 - 40 WEEKS	77	0.0	0.0	0.0	0.1
M	41 - 70 WEEKS	13	0.0	0.0	0.0	0.0
M	>= 71 WEEKS	3	0.4	0.4	0.0	0.7

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
F	<= 7 WEEKS	6	0.4	1.0	0.0	2.5
F	8 - 12 WEEKS	182	0.0	0.1	0.0	0.7
F	13 - 18 WEEKS	129	0.0	0.3	0.0	3.3
F	19 - 40 WEEKS	79	0.0	0.0	0.0	0.4
F	41 - 70 WEEKS	13	0.0	0.0	0.0	0.0
F	>= 71 WEEKS	3	0.2	0.4	0.0	0.6

Table 18: Creatine kinase [U/L]

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
M	<= 7 WEEKS	6	298.2	29.8	263.8	333.3
M	8 - 12 WEEKS	190	238.1	125.0	139.4	1476.6
M	13 - 18 WEEKS	125	197.7	84.1	105.6	682.8
M	19 - 40 WEEKS	72	165.8	45.3	114.4	416.8
M	41 - 70 WEEKS	12	149.9	29.1	110.9	204.3
M	>= 71 WEEKS	3	172.4	25.3	143.6	190.9

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
F	<= 7 WEEKS	6	308.3	49.2	235.3	388.6
F	8 - 12 WEEKS	176	206.2	70.9	121.6	551.7
F	13 - 18 WEEKS	129	184.2	103.3	97.9	925.6
F	19 - 40 WEEKS	74	152.0	49.3	93.8	345.5
F	41 - 70 WEEKS	12	134.4	43.3	73.1	207.1
F	>= 71 WEEKS	3	195.6	56.0	135.4	246.3

Table 19: Calcium [mmol/L]

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
M	<= 7 WEEKS	6	2.85	0.05	2.81	2.95
M	8 - 12 WEEKS	198	2.81	0.09	2.52	3.05
M	13 - 18 WEEKS	129	2.78	0.08	2.49	2.94
M	19 - 40 WEEKS	80	2.76	0.08	2.57	2.92
M	41 - 70 WEEKS	13	2.81	0.06	2.67	2.89
M	>= 71 WEEKS	3	2.87	0.05	2.81	2.91

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
F	<= 7 WEEKS	6	2.84	0.05	2.76	2.89
F	8 - 12 WEEKS	183	2.78	0.08	2.48	2.99
F	13 - 18 WEEKS	133	2.77	0.08	2.52	2.92
F	19 - 40 WEEKS	82	2.76	0.08	2.51	2.93
F	41 - 70 WEEKS	13	2.78	0.08	2.62	2.87
F	>= 71 WEEKS	3	2.85	0.04	2.81	2.88

Table 20: Chloride [mmol/L]

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
M	<= 7 WEEKS	6	101.1	2.3	97.7	104.9
M	8 - 12 WEEKS	198	102.3	2.2	91.6	108.1
M	13 - 18 WEEKS	129	102.9	2.5	93.5	110.5
M	19 - 40 WEEKS	80	104.2	2.3	90.2	109.4
M	41 - 70 WEEKS	13	103.9	4.4	94.3	108.2
M	>= 71 WEEKS	3	104.6	0.0	104.6	104.6

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
F	<= 7 WEEKS	6	103.1	2.6	99.2	106.1
F	8 - 12 WEEKS	183	104.6	2.1	96.8	109.9
F	13 - 18 WEEKS	133	104.5	2.0	97.9	109.0
F	19 - 40 WEEKS	82	105.1	1.7	100.9	110.7
F	41 - 70 WEEKS	13	105.2	1.5	102.8	107.9
F	>= 71 WEEKS	3	103.4	0.4	103.2	103.9

Table 21: Phosphorus [mmol/L]

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
M	<= 7 WEEKS	6	3.11	0.11	2.93	3.24
M	8 - 12 WEEKS	198	2.39	0.20	1.99	3.04
M	13 - 18 WEEKS	129	2.18	0.16	1.67	2.60
M	19 - 40 WEEKS	80	1.80	0.12	1.45	2.09
M	41 - 70 WEEKS	13	1.51	0.08	1.41	1.65
M	>= 71 WEEKS	3	1.46	0.09	1.36	1.51

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
F	<= 7 WEEKS	6	2.74	0.11	2.65	2.94
F	8 - 12 WEEKS	183	1.94	0.18	1.50	2.42
F	13 - 18 WEEKS	133	1.70	0.16	1.32	2.11
F	19 - 40 WEEKS	82	1.39	0.12	1.07	1.70
F	41 - 70 WEEKS	13	1.17	0.11	1.01	1.39
F	>= 71 WEEKS	3	1.23	0.08	1.17	1.32

Table 22: Potassium [mmol/L]

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
M	<= 7 WEEKS	6	3.62	0.29	3.39	4.16
M	8 - 12 WEEKS	198	3.62	0.29	3.03	4.99
M	13 - 18 WEEKS	129	3.61	0.26	2.95	4.83
M	19 - 40 WEEKS	80	3.74	0.23	3.39	4.66
M	41 - 70 WEEKS	13	3.91	0.19	3.66	4.37
M	>= 71 WEEKS	3	3.80	0.37	3.44	4.18

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
F	<= 7 WEEKS	6	3.57	0.34	3.35	4.25
F	8 - 12 WEEKS	183	3.32	0.22	2.84	4.22
F	13 - 18 WEEKS	133	3.31	0.22	2.69	3.99
F	19 - 40 WEEKS	82	3.29	0.24	2.94	4.99
F	41 - 70 WEEKS	13	3.36	0.17	3.13	3.60
F	>= 71 WEEKS	3	3.49	0.20	3.36	3.72

Table 23: Sodium [mmol/L]

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
M	<= 7 WEEKS	6	142.9	2.3	140.5	145.4
M	8 - 12 WEEKS	198	143.0	2.1	138.6	147.9
M	13 - 18 WEEKS	129	142.9	2.4	131.5	150.6
M	19 - 40 WEEKS	80	143.8	2.8	136.3	161.0
M	41 - 70 WEEKS	13	144.5	2.1	141.2	149.4
M	>= 71 WEEKS	3	143.7	1.0	142.6	144.5

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
F	<= 7 WEEKS	6	142.7	1.7	140.5	144.2
F	8 - 12 WEEKS	183	143.5	2.1	138.3	148.7
F	13 - 18 WEEKS	133	142.6	2.4	130.2	148.6
F	19 - 40 WEEKS	82	142.7	1.9	135.6	146.6
F	41 - 70 WEEKS	13	143.6	2.6	140.0	148.3
F	>= 71 WEEKS	3	141.2	1.0	140.1	142.1

Table 24: Protein, total [g/L]

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
M	<= 7 WEEKS	6	61.03	2.17	58.42	63.87
M	8 - 12 WEEKS	198	64.95	1.99	59.49	69.57
M	13 - 18 WEEKS	129	65.80	2.01	60.66	72.01
M	19 - 40 WEEKS	80	67.32	1.97	63.56	72.24
M	41 - 70 WEEKS	13	70.55	1.49	68.55	73.52
M	>= 71 WEEKS	3	71.32	3.53	67.25	73.56

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
F	<= 7 WEEKS	6	62.17	1.36	60.54	63.77
F	8 - 12 WEEKS	183	66.38	2.17	59.74	72.22
F	13 - 18 WEEKS	133	68.30	2.47	61.91	74.13
F	19 - 40 WEEKS	82	71.14	2.44	64.30	77.33
F	41 - 70 WEEKS	13	74.62	2.71	71.22	79.56
F	>= 71 WEEKS	3	73.45	3.23	69.82	76.01

Table 25: Albumin [g/L]

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
M	<= 7 WEEKS	6	42.08	1.80	40.05	44.01
M	8 - 12 WEEKS	184	42.17	1.49	31.78	45.32
M	13 - 18 WEEKS	123	42.09	1.19	38.97	44.59
M	19 - 40 WEEKS	72	42.05	1.17	38.92	44.88
M	41 - 70 WEEKS	11	42.93	1.08	40.59	44.49

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
F	<= 7 WEEKS	6	44.16	1.02	42.62	45.46
F	8 - 12 WEEKS	173	46.09	1.65	41.80	51.70
F	13 - 18 WEEKS	126	47.20	1.82	40.64	51.65
F	19 - 40 WEEKS	74	49.01	1.81	43.51	53.50
F	41 - 70 WEEKS	11	50.81	1.87	48.23	54.46

Table 26: Globulin [g/L]

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
M	<= 7 WEEKS	6	18.95	1.29	16.82	20.02
M	8 - 12 WEEKS	184	22.91	1.62	18.34	32.58
M	13 - 18 WEEKS	123	23.69	1.53	19.97	28.10
M	19 - 40 WEEKS	72	25.37	1.29	22.00	28.24
M	41 - 70 WEEKS	11	27.79	1.19	26.65	30.78

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
F	<= 7 WEEKS	6	18.01	1.13	16.04	19.19
F	8 - 12 WEEKS	173	20.32	1.52	15.22	23.46
F	13 - 18 WEEKS	126	21.14	1.53	17.48	25.27
F	19 - 40 WEEKS	74	22.27	1.25	19.79	26.12
F	41 - 70 WEEKS	11	24.36	1.44	22.55	26.85

Table 27: Albumin/Globulin ratio

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
M	<= 7 WEEKS	6	2.23	0.20	2.06	2.60
M	8 - 12 WEEKS	184	1.85	0.15	0.98	2.33
M	13 - 18 WEEKS	123	1.78	0.12	1.50	2.10
M	19 - 40 WEEKS	72	1.66	0.09	1.49	1.92
M	41 - 70 WEEKS	11	1.55	0.08	1.39	1.65

SEX	ANIMAL AGE	PROJECTS	MEAN OF MEANS	STD OF MEANS	MIN OF MEANS	MAX OF MEANS
F	<= 7 WEEKS	6	2.46	0.19	2.32	2.83
F	8 - 12 WEEKS	173	2.28	0.20	1.90	3.18
F	13 - 18 WEEKS	126	2.24	0.18	1.83	2.75
F	19 - 40 WEEKS	74	2.21	0.13	1.90	2.50
F	41 - 70 WEEKS	11	2.09	0.14	1.95	2.42

Diagram 1: Glucose [mmol/L]

ANIMAL AGE	Males	Females
<= 7 WEEKS	3.77	4.13
8 - 12 WEEKS	4.84	4.75
13 - 18 WEEKS	5.17	5.07
19 - 40 WEEKS	5.46	5.24
41 - 70 WEEKS	5.76	5.67
>= 71 WEEKS	4.85	5.23

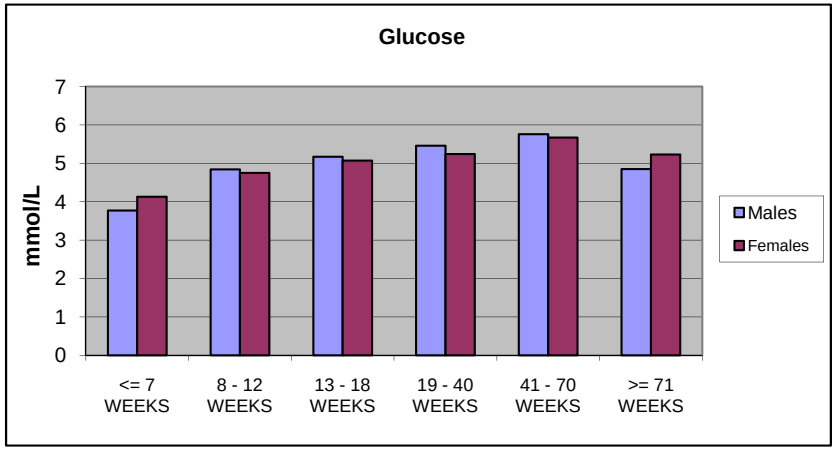

Diagram 2: Urease [mmol/L]

ANIMAL AGE	Males	Females
<= 7 WEEKS	4.87	5.53
8 - 12 WEEKS	5.80	6.43
13 - 18 WEEKS	5.30	6.44
19 - 40 WEEKS	5.33	6.57
41 - 70 WEEKS	5.03	6.46
>= 71 WEEKS	4.63	5.17

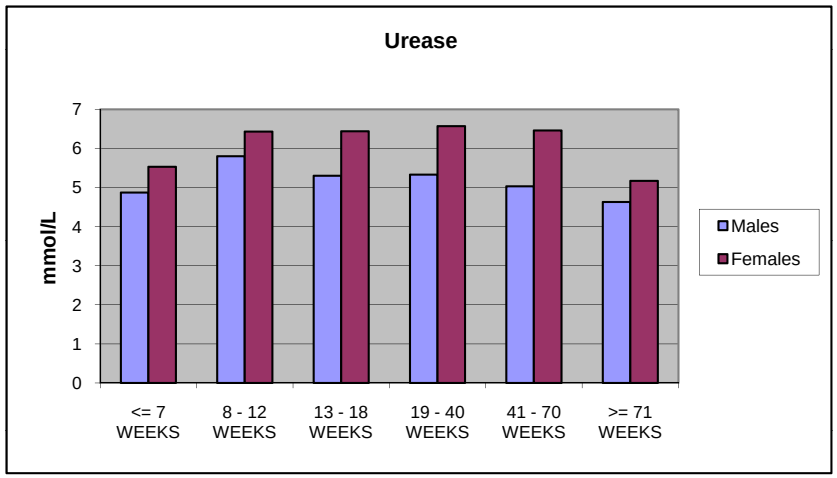

Diagram 3: Uric acid [µmol/L]

ANIMAL AGE	Males	Females
8 - 12 WEEKS	23.0	25.0
13 - 18 WEEKS	24.7	20.9
19 - 40 WEEKS	25.9	28.9

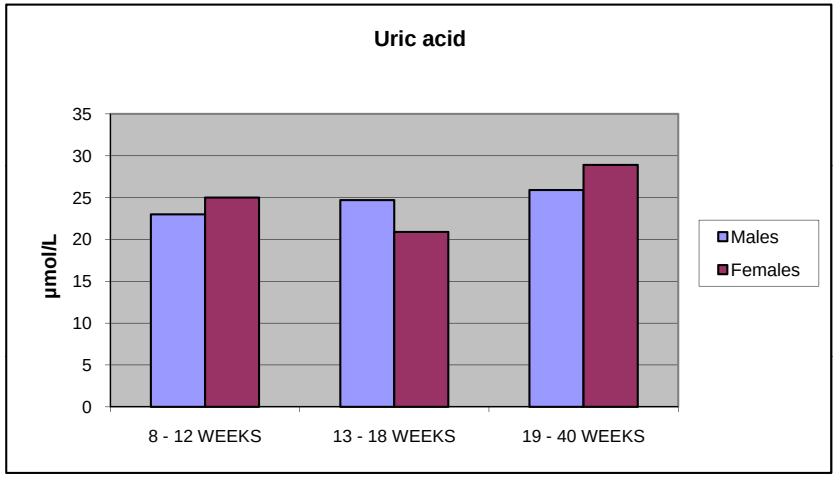

Diagram 4: Creatinine [µmol/L]

ANIMAL AGE	Males	Females
<= 7 WEEKS	16.4	18.7
8 - 12 WEEKS	22.8	26.1
13 - 18 WEEKS	25.1	28.8
19 - 40 WEEKS	27.5	31.9
41 - 70 WEEKS	30.7	33.3
>= 71 WEEKS	31.9	28.5

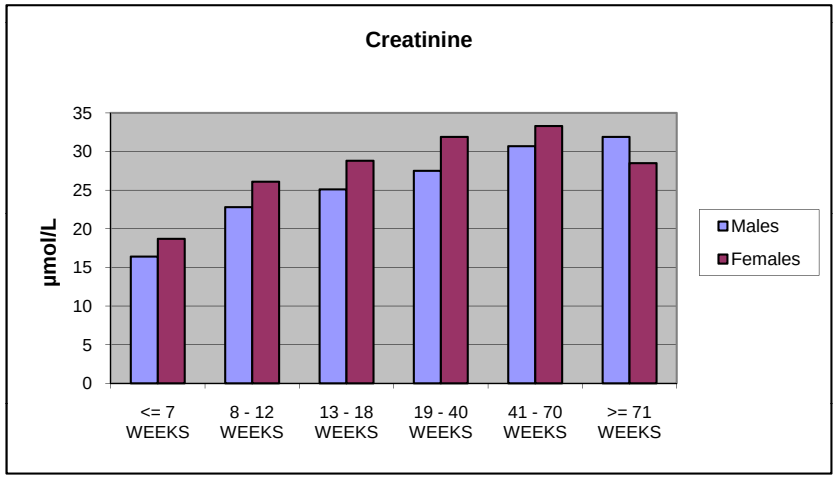

Diagram 5: Bilirubin, total [µmol/L]

ANIMAL AGE	Males	Females
<= 7 WEEKS	1.18	1.17
8 - 12 WEEKS	1.55	1.74
13 - 18 WEEKS	1.57	1.85
19 - 40 WEEKS	1.69	2.13
41 - 70 WEEKS	1.85	2.57
>= 71 WEEKS	2.25	2.43

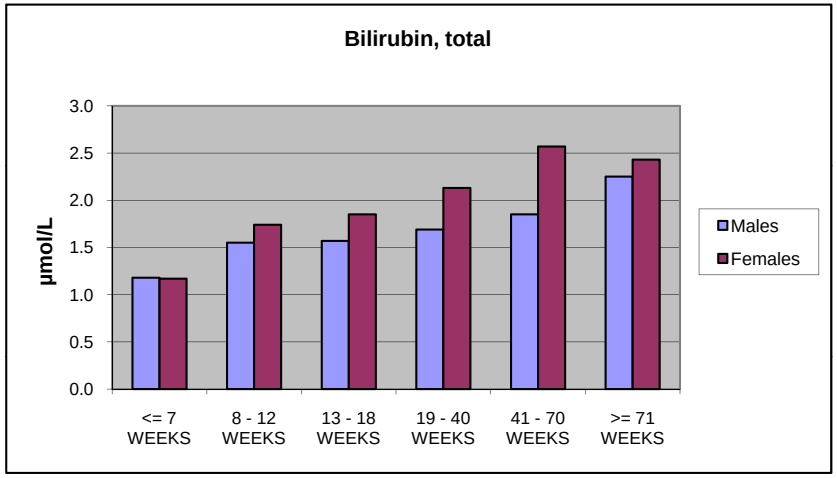

Diagram 6: Bile acids [µmol/L]

ANIMAL AGE	Males	Females
8 - 12 WEEKS	31.37	23.53
13 - 18 WEEKS	21.44	24.53

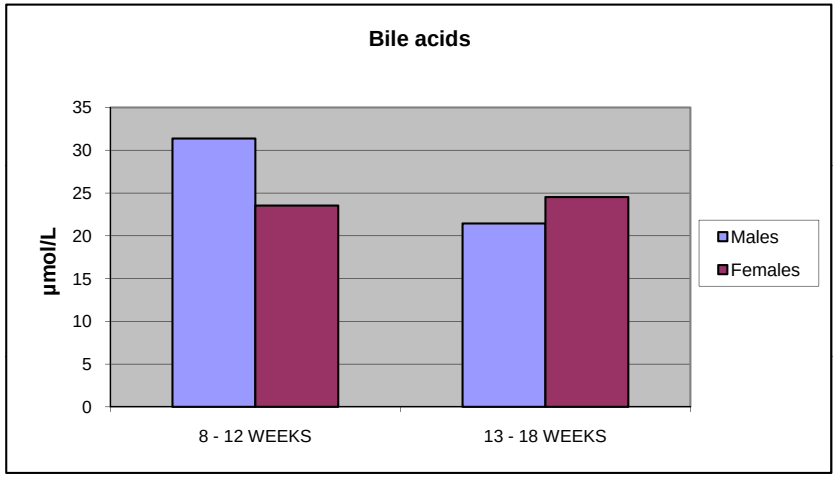

Diagram 7: Cholesterol [mmol/L]

ANIMAL AGE	Males	Females
<= 7 WEEKS	2.14	1.70
8 - 12 WEEKS	1.72	1.42
13 - 18 WEEKS	1.65	1.47
19 - 40 WEEKS	1.81	1.60
41 - 70 WEEKS	2.38	2.17
>= 71 WEEKS	3.53	2.51

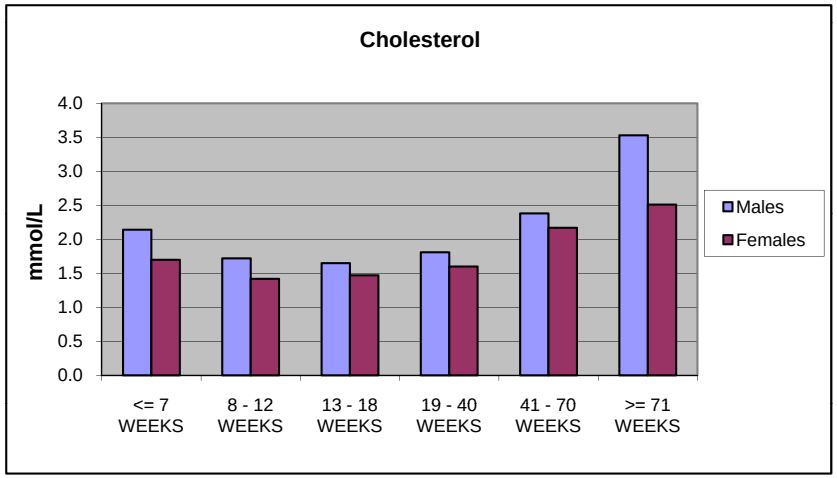

Diagram 8: High density lipoprotein (Cholesterol) [mmol/L]

ANIMAL AGE	Males	Females
8 - 12 WEEKS	1.39	1.28
13 - 18 WEEKS	1.44	1.35

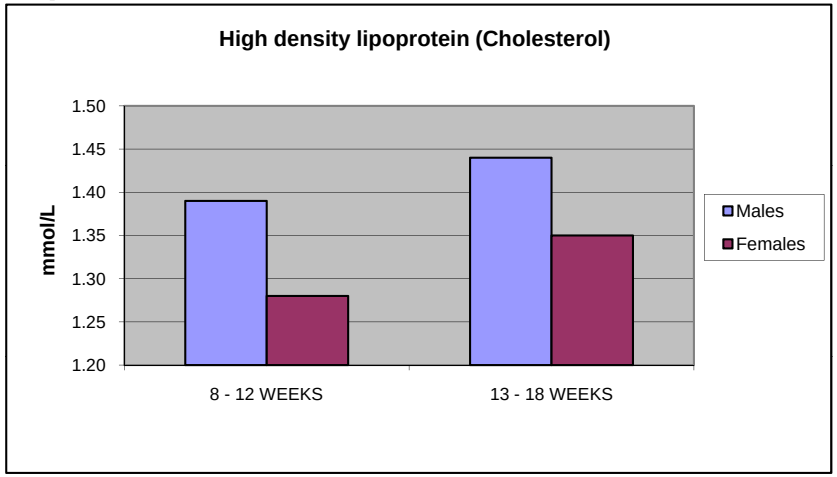

Diagram 9: Low density lipoprotein (Cholesterol) [mmol/L]

ANIMAL AGE	Males	Females
8 - 12 WEEKS	0.20	0.12
13 - 18 WEEKS	0.21	0.09
19 - 40 WEEKS	0.23	0.10

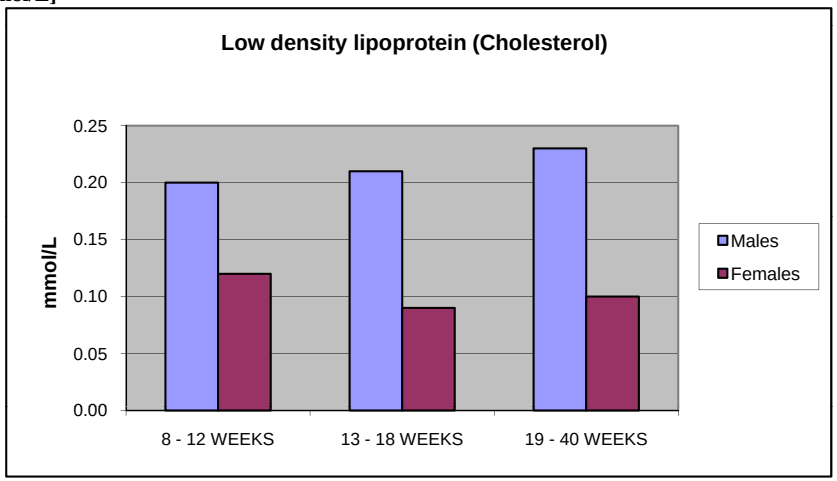

Diagram 10: Triglycerides [mmol/L]

ANIMAL AGE	Males	Females
<= 7 WEEKS	0.50	0.40
8 - 12 WEEKS	0.54	0.30
13 - 18 WEEKS	0.50	0.31
19 - 40 WEEKS	0.47	0.33
41 - 70 WEEKS	0.83	0.45
>= 71 WEEKS	0.99	0.70

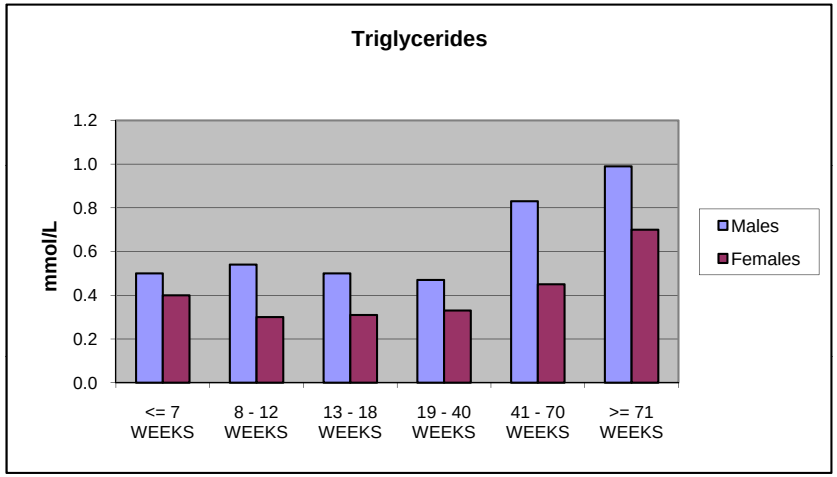

Diagram 11: Phospholipids [mmol/L]

ANIMAL AGE	Males	Females
<= 7 WEEKS	1.83	1.64
8 - 12 WEEKS	1.54	1.46
13 - 18 WEEKS	1.50	1.55
19 - 40 WEEKS	1.55	1.70
41 - 70 WEEKS	1.85	2.15
>= 71 WEEKS	2.22	2.14

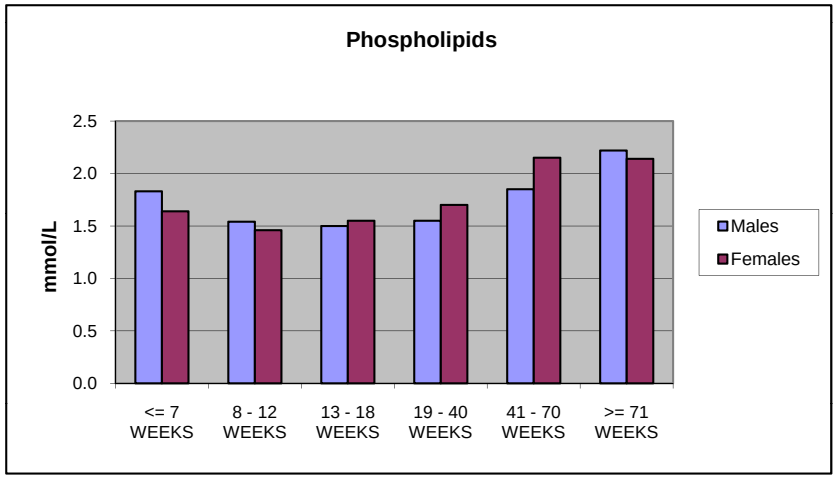

Diagram 12: Alanine aminotransferase [U/L]

ANIMAL AGE	Males	Females
<= 7 WEEKS	30.5	23.1
8 - 12 WEEKS	35.9	28.0
13 - 18 WEEKS	31.9	25.1
19 - 40 WEEKS	33.8	31.1
41 - 70 WEEKS	35.3	45.1
>= 71 WEEKS	37.2	34.1

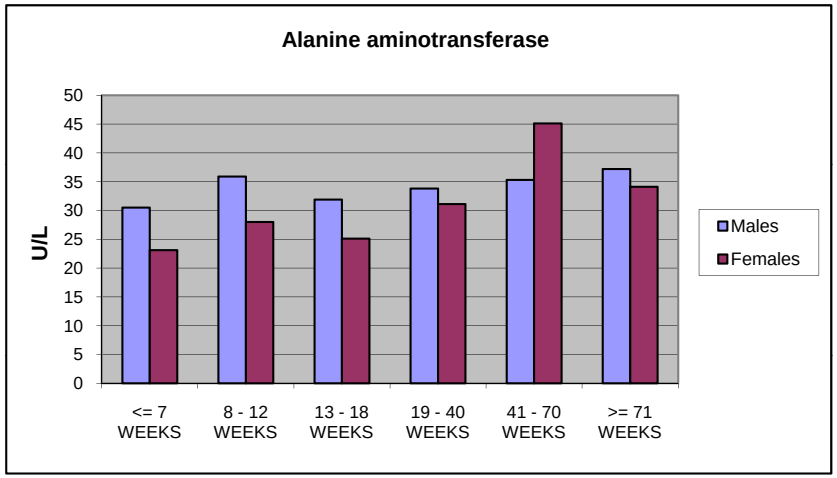

Diagram 13: Aspartate aminotransferase [U/L]

ANIMAL AGE	Males	Females
<= 7 WEEKS	87.4	81.4
8 - 12 WEEKS	78.3	75.5
13 - 18 WEEKS	76.5	72.4
19 - 40 WEEKS	76.9	80.9
41 - 70 WEEKS	74.5	104.5
>= 71 WEEKS	82.2	91.9

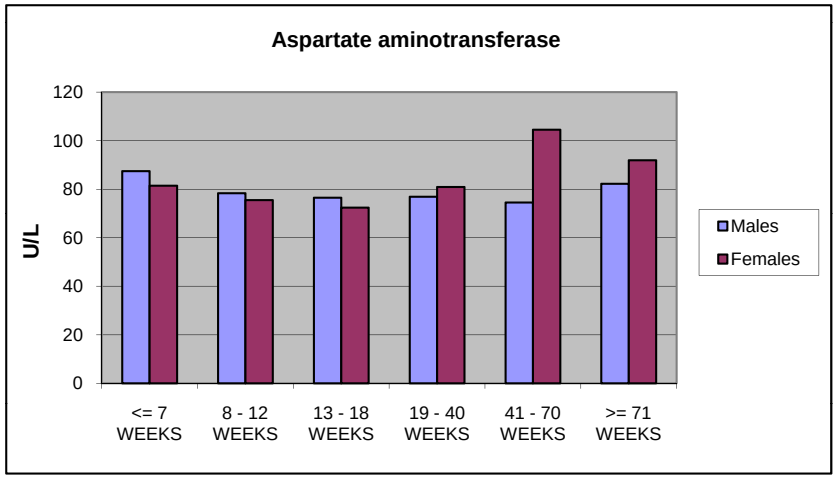

Diagram 14: Lactate dehydrogenase [U/L]

ANIMAL AGE	Males	Females
<= 7 WEEKS	184.5	200.6
8 - 12 WEEKS	230.0	211.1
13 - 18 WEEKS	202.9	200.5
19 - 40 WEEKS	191.7	192.0
41 - 70 WEEKS	183.0	186.7
>= 71 WEEKS	313.0	198.2

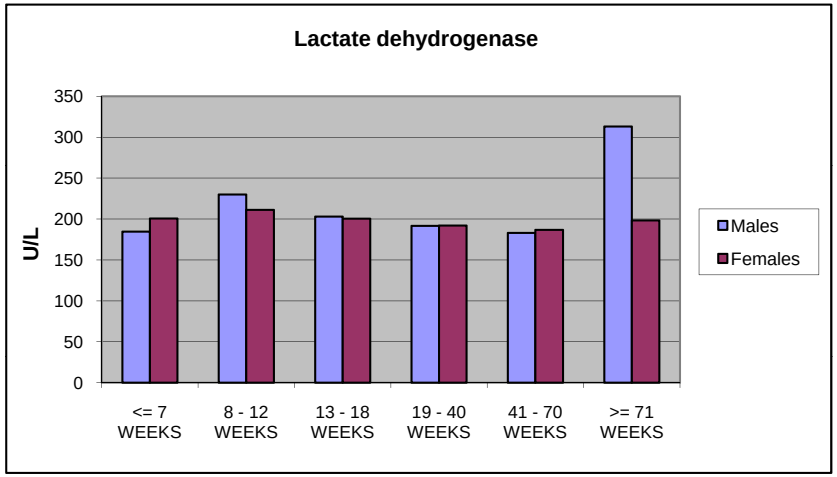

Diagram 15: Glutamate dehydrogenase [U/L]

ANIMAL AGE	Males	Females
<= 7 WEEKS	7.1	6.7
8 - 12 WEEKS	6.5	6.1
13 - 18 WEEKS	6.7	7.2
19 - 40 WEEKS	8.3	14.9
41 - 70 WEEKS	10.1	47.5

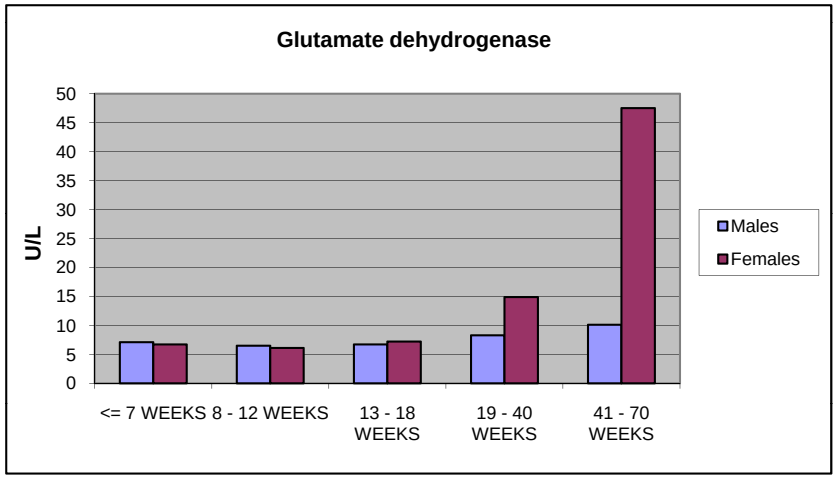

Diagram 16: Alkaline phosphatase [U/L]

ANIMAL AGE	Males	Females
<= 7 WEEKS	198.4	135.9
8 - 12 WEEKS	128.5	63.3
13 - 18 WEEKS	90.1	42.3
19 - 40 WEEKS	59.5	22.1
41 - 70 WEEKS	50.0	15.2
>= 71 WEEKS	50.9	16.9

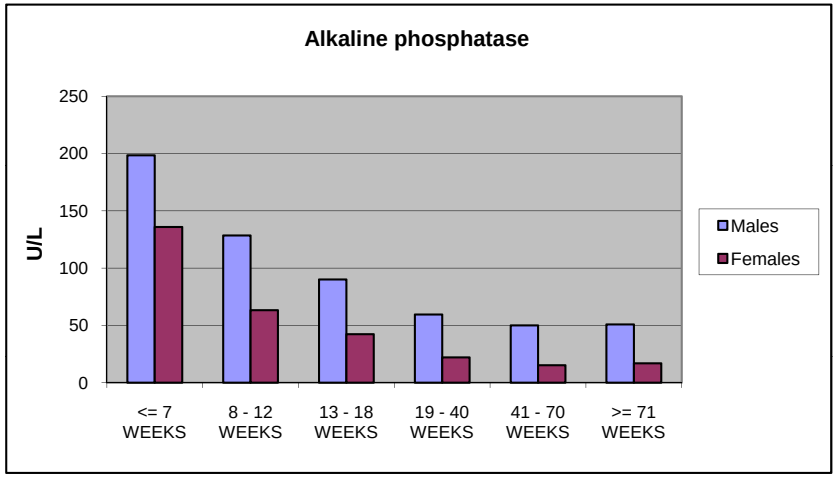

Diagram 17: Gamma glutamyl transferase [U/L]

ANIMAL AGE	Males	Females
<= 7 WEEKS	0.3	0.4
8 - 12 WEEKS	0.0	0.0
13 - 18 WEEKS	0.0	0.0
19 - 40 WEEKS	0.0	0.0
41 - 70 WEEKS	0.0	0.0
>= 71 WEEKS	0.4	0.2

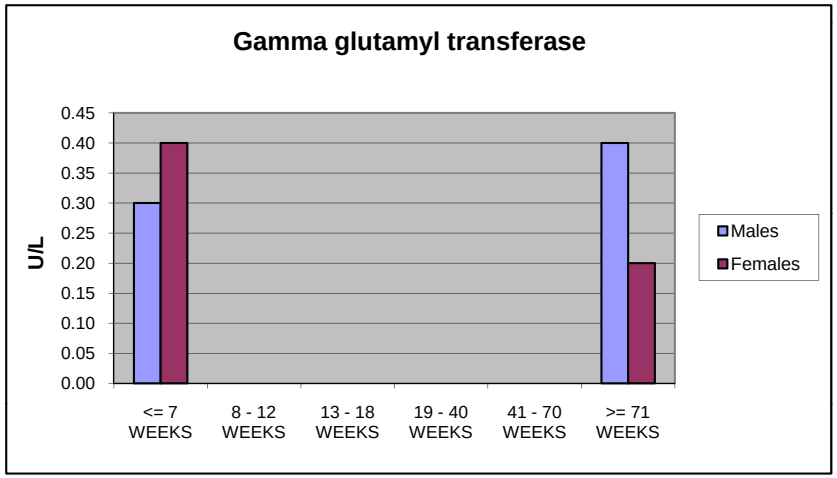

Diagram 18: Creatine kinase [U/L]

ANIMAL AGE	Males	Females
<= 7 WEEKS	298.2	308.3
8 - 12 WEEKS	238.1	206.2
13 - 18 WEEKS	197.7	184.2
19 - 40 WEEKS	165.8	152.0
41 - 70 WEEKS	149.9	134.4
>= 71 WEEKS	172.4	195.6

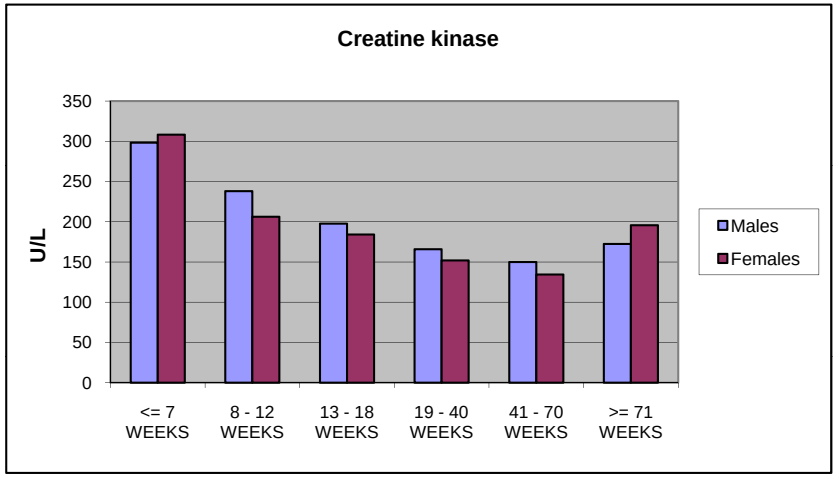

Diagram 19: Calcium [mmol/L]

ANIMAL AGE	Males	Females
<= 7 WEEKS	2.85	2.84
8 - 12 WEEKS	2.81	2.78
13 - 18 WEEKS	2.78	2.77
19 - 40 WEEKS	2.76	2.76
41 - 70 WEEKS	2.81	2.78
>= 71 WEEKS	2.87	2.85

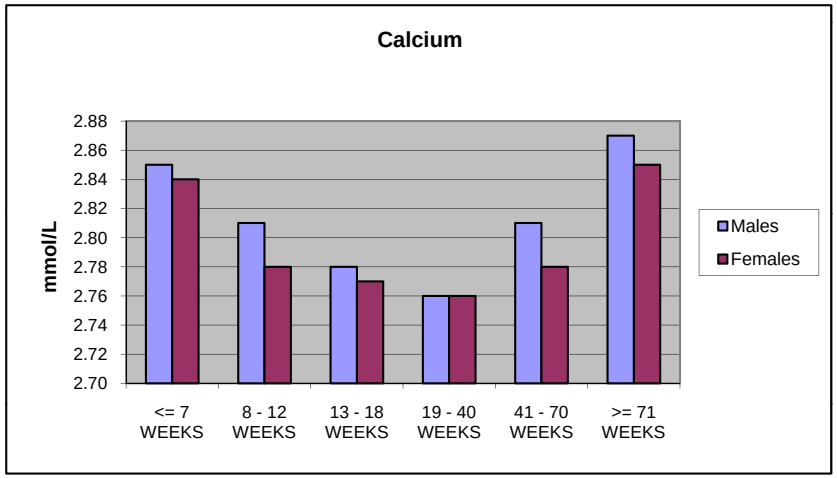

Diagram 20: Chloride [mmol/L]

ANIMAL AGE	Males	Females
<= 7 WEEKS	101.1	103.1
8 - 12 WEEKS	102.3	104.6
13 - 18 WEEKS	102.9	104.5
19 - 40 WEEKS	104.2	105.1
41 - 70 WEEKS	103.9	105.2
>= 71 WEEKS	104.6	103.4

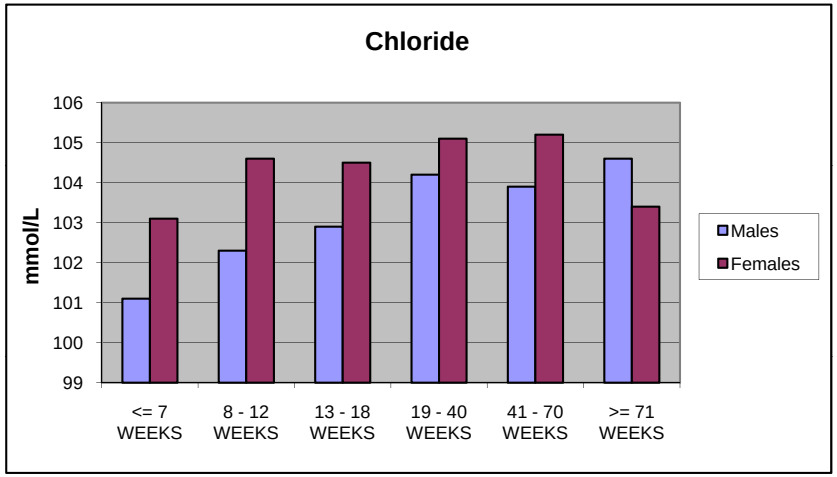

Diagram 21: Phosphorus [mmol/L]

ANIMAL AGE	Males	Females
<= 7 WEEKS	3.11	2.74
8 - 12 WEEKS	2.39	1.94
13 - 18 WEEKS	2.18	1.70
19 - 40 WEEKS	1.80	1.39
41 - 70 WEEKS	1.51	1.17
>= 71 WEEKS	1.46	1.23

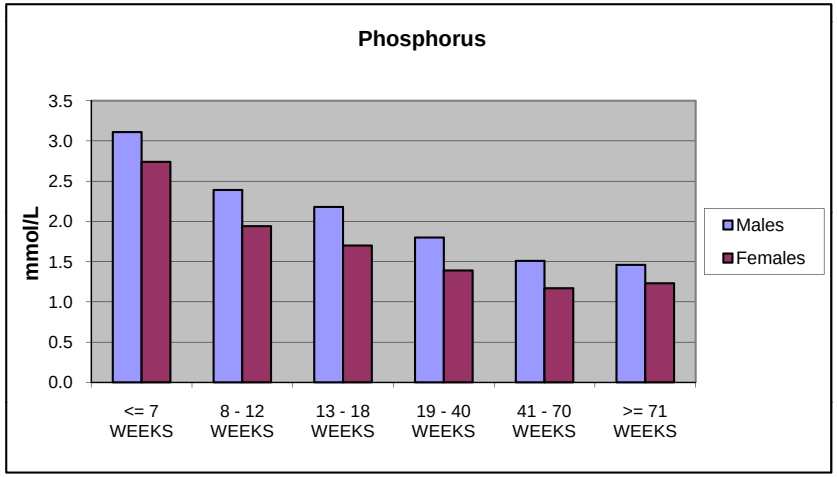

Diagram 22: Potassium [mmol/L]

ANIMAL AGE	Males	Females
<= 7 WEEKS	3.62	3.57
8 - 12 WEEKS	3.62	3.32
13 - 18 WEEKS	3.61	3.31
19 - 40 WEEKS	3.74	3.29
41 - 70 WEEKS	3.91	3.36
>= 71 WEEKS	3.80	3.49

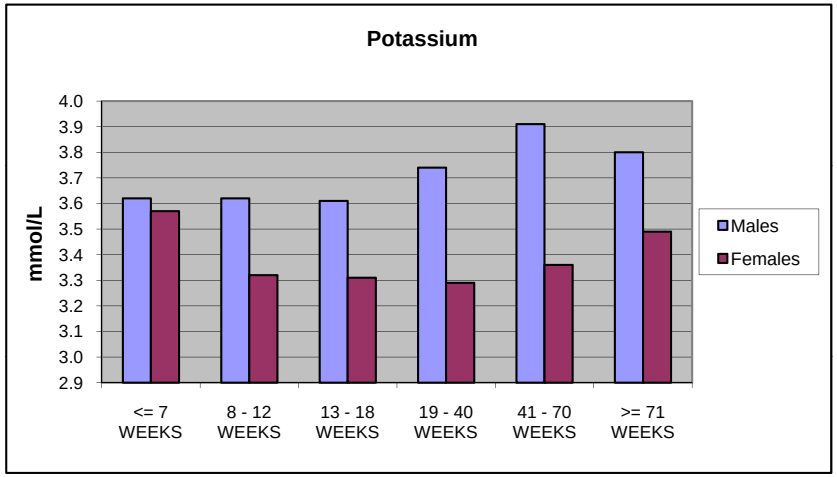

Diagram 23: Sodium [mmol/L]

ANIMAL AGE	Males	Females
<= 7 WEEKS	142.9	142.7
8 - 12 WEEKS	143.0	143.5
13 - 18 WEEKS	142.9	142.6
19 - 40 WEEKS	143.8	142.7
41 - 70 WEEKS	144.5	143.6
>= 71 WEEKS	143.7	141.2

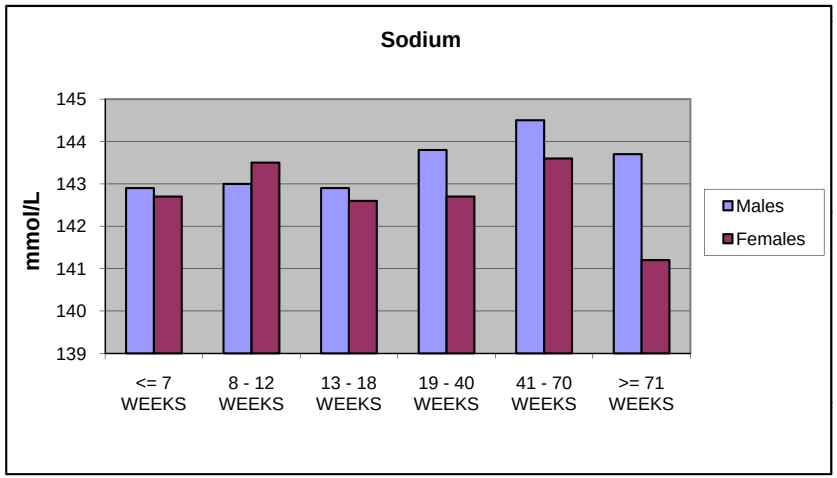

Diagram 24: Protein, total [g/L]

ANIMAL AGE	Males	Females
<= 7 WEEKS	61.03	62.17
8 - 12 WEEKS	64.95	66.38
13 - 18 WEEKS	65.80	68.30
19 - 40 WEEKS	67.32	71.14
41 - 70 WEEKS	70.55	74.62
>= 71 WEEKS	71.32	73.45

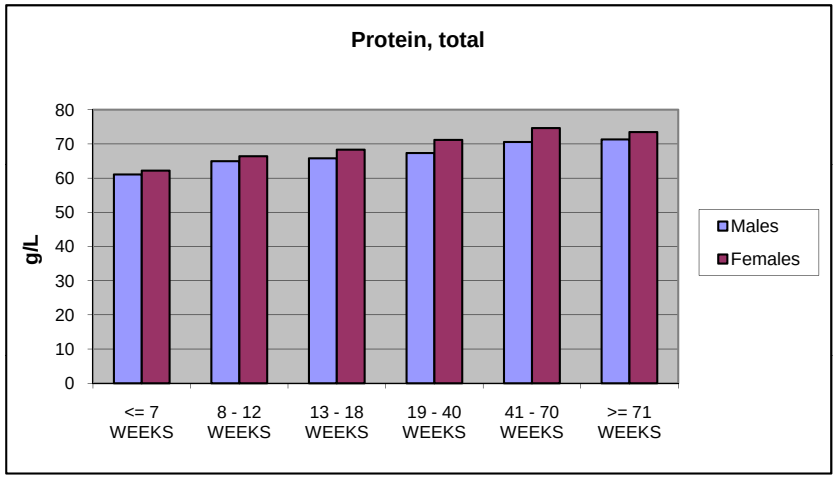

Diagram 25: Albumin [g/L]

ANIMAL AGE	Males	Females
<= 7 WEEKS	42.08	44.16
8 - 12 WEEKS	42.17	46.09
13 - 18 WEEKS	42.09	47.20
19 - 40 WEEKS	42.05	49.01
41 - 70 WEEKS	42.93	50.81

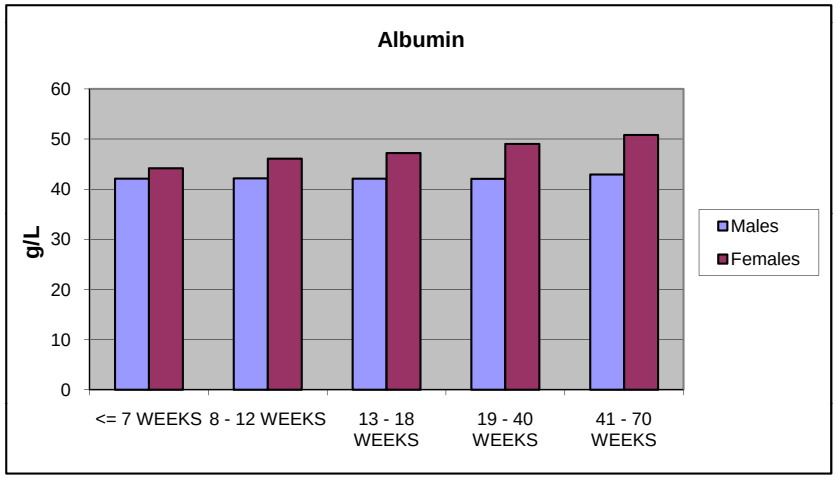

Diagram 26: Globulin [g/L]

ANIMAL AGE	Males	Females
<= 7 WEEKS	18.95	18.01
8 - 12 WEEKS	22.91	20.32
13 - 18 WEEKS	23.69	21.14
19 - 40 WEEKS	25.37	22.27
41 - 70 WEEKS	27.79	24.36

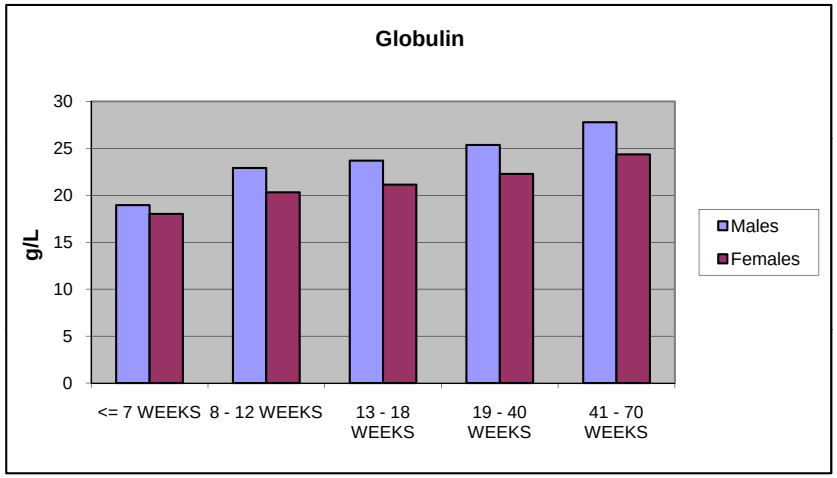

Diagram 27: Albumin/Globulin ratio

ANIMAL AGE	Males	Females
<= 7 WEEKS	2.23	2.46
8 - 12 WEEKS	1.85	2.28
13 - 18 WEEKS	1.78	2.24
19 - 40 WEEKS	1.66	2.21
41 - 70 WEEKS	1.55	2.09