

Table 4-10 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	TP (g/dL)						
		-7	15	28	42	56	75	83
1	1	6.1	6.8	7.0	6.5	6.9	6.3	6.6
	2	7.0	7.9	8.4	7.9	7.3	8.1	8.4
	3	6.3	7.6	7.9	7.1	7.2	7.7	7.2
	4	6.5	7.7	7.6	7.8	8.1	7.3	7.5
	5	6.5	7.3	7.0	6.7	6.6	6.9	6.4
	6	6.6	7.2	6.7	7.1	7.2	6.9	6.5
	Mean	6.50	7.42	7.43	7.18	7.22	7.20	7.10
±S.D.	0.30	0.40	0.65	0.57	0.50	0.64	0.77	
2	7	6.5	6.8	6.5	6.6	6.7	6.3	6.4
	8	6.4	7.1	7.3	6.5	6.5	6.4	5.9
	9	6.0	6.3	6.8	6.4	7.2	6.7	6.2
	10	6.7	6.9	6.6	6.7	7.2	6.9	6.2
	11	6.7	7.5	8.0	7.6	7.9	7.7	7.8
	12	6.2	7.2	6.7	6.6	7.0	6.8	6.7
	Mean	6.42	6.97*	6.98	6.73	7.08	6.80	6.53
±S.D.	0.28	0.41	0.57	0.44	0.49	0.50	0.67	
3	13	6.8	6.7	7.2	6.7	7.2	7.0	6.7
	14	6.3	7.1	6.4	6.5	6.9	6.8	7.0
	15	6.4	6.0	6.2	6.4	6.6	6.1	6.4
	16	6.3	6.4	6.6	6.7	6.5	7.0	6.2
	17	6.2	6.0	6.2	6.1	6.8	6.2	6.2
	18	6.1	6.3	6.3	6.1	6.1	6.3	6.3
	Mean	6.35	6.42**	6.48**	6.42**	6.68*	6.57*	6.47
±S.D.	0.24	0.43#	0.38	0.27	0.38	0.41	0.32	

Note) TP : Total protein

* P<0.05 , ** P<0.01 : Significantly different from group 1.

P<0.05 : Significantly different from group 2.

Table 4-11 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	Albumin (g/dL)						
		-7	15	28	42	56	75	83
1	1	4.3	4.9	5.2	4.9	5.2	4.8	5.1
	2	4.9	5.7	5.9	5.6	4.4	4.9	5.3
	3	4.8	5.5	5.6	5.0	5.2	5.6	5.3
	4	4.4	5.0	4.9	5.0	4.8	4.4	4.6
	5	4.6	5.0	4.9	4.6	4.6	4.7	4.5
	6	4.7	4.9	4.5	4.8	4.9	4.7	4.5
	Mean ±S.D.	4.62 0.23	5.17 0.34	5.17 0.51	4.98 0.34	4.85 0.32	4.85 0.40	4.88 0.39
2	7	4.1	4.5	4.3	4.5	4.7	4.4	4.6
	8	4.9	5.0	5.3	4.7	4.5	4.5	4.1
	9	4.5	4.4	4.7	4.4	4.9	4.6	4.3
	10	5.0	4.8	4.7	4.7	4.9	4.8	4.5
	11	4.4	4.6	5.0	4.7	4.8	4.7	4.7
	12	4.7	5.1	4.6	4.2	4.3	4.3	4.3
	Mean ±S.D.	4.60 0.33	4.73* 0.28	4.77 0.34	4.53** 0.21	4.68 0.24	4.55 0.19	4.42* 0.22
3	13	4.7	4.6	4.9	4.3	4.6	4.5	4.4
	14	4.8	5.3	4.7	4.6	4.8	4.8	4.6
	15	5.0	4.4	4.4	4.4	4.4	4.0	4.3
	16	4.8	4.4	4.6	4.7	4.5	4.8	4.4
	17	4.7	4.1	4.2	4.1	4.5	4.2	4.4
	18	4.8	4.7	4.7	4.5	4.5	4.6	4.7
	Mean ±S.D.	4.80 0.11	4.58* 0.41	4.58* 0.25	4.43** 0.22	4.55* 0.14	4.48 0.33	4.47* 0.15

* P<0.05 , ** P<0.01 : Significantly different from group 1.
Not significantly different from group 2.

Table 4-12 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	TG (mg/dL)						
		-7	15	28	42	56	75	83
1	1	21	29	36	32	48	25	35
	2	18	33	39	40	20	34	39
	3	11	19	36	37	41	44	46
	4	17	20	21	26	28	18	24
	5	12	58	45	49	76	75	50
	6	21	38	52	26	39	41	43
	Mean	16.7	32.8	38.2	35.0	42.0	39.5	39.5
±S.D.	4.3	14.4	10.4	8.9	19.4	19.9	9.2	
2	7	13	18	21	29	49	38	37
	8	21	29	46	43	40	44	20
	9	20	64	25	32	51	28	51
	10	18	28	37	33	40	39	36
	11	14	37	60	32	63	34	56
	12	19	24	39	61	37	27	30
	Mean	17.5	33.3	38.0	38.3	46.7	35.0	38.3
±S.D.	3.3	16.3	14.2	12.1	9.7	6.6	13.3	
3	13	15	17	25	26	51	30	34
	14	34	38	50	62	52	36	34
	15	25	55	37	53	43	58	36
	16	18	21	37	35	52	31	34
	17	20	23	30	29	74	50	53
	18	15	20	29	38	41	32	50
	Mean	21.2	29.0	34.7	40.5	52.2	39.5	40.2
±S.D.	7.3	14.7	8.9	14.1	11.7	11.7	8.9	

Note) TG : Triglyceride

Not significantly different from group 1.

Not significantly different from group 2.

Table 4-13 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	T-cho (mg/dL)						
		-7	15	28	42	56	75	83
1	1	70	61	52	54	65	67	67
	2	59	63	72	65	70	68	67
	3	56	75	84	65	69	77	80
	4	50	56	52	55	57	55	51
	5	67	74	70	72	72	78	71
	6	98	118	100	91	101	105	101
	Mean	66.7	74.5	71.7	67.0	72.3	75.0	72.8
±S.D.	17.0	22.6	18.6	13.6	15.0	16.9	16.7	
2	7	69	138	136	135	145	123	119
	8	67	184	179	137	121	131	104
	9	58	118	122	86	84	77	79
	10	70	125	127	133	140	119	116
	11	55	141	135	115	125	118	106
	12	56	166	162	160	159	136	137
	Mean	62.5	145.3**	143.5**	127.7**	129.0**	117.3**	110.2**
±S.D.	6.9	25.1	22.2	24.9	26.0	21.0	19.3	
3	13	79	133	150	114	125	111	103
	14	56	113	110	118	120	108	95
	15	72	93	106	91	91	90	79
	16	58	103	102	103	98	100	88
	17	57	112	130	126	110	113	107
	18	52	113	109	102	105	101	94
	Mean	62.3	111.2**	117.8**	109.0**	108.2**	103.8**	94.3*
±S.D.	10.6	13.3##	18.5#	12.7	12.9	8.6	10.1	

Note) T-cho : Total cholesterol

* P<0.05 , ** P<0.01 : Significantly different from group 1.

P<0.05 , ## P<0.01 : Significantly different from group 2.

Table 4-14 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	F-cho (mg/dL)						
		-7	15	28	42	56	75	83
1	1	17	15	13	13	15	15	15
	2	14	15	17	15	17	16	16
	3	14	17	19	15	16	17	18
	4	13	13	12	13	13	12	12
	5	17	18	16	17	17	18	17
	6	23	26	23	21	23	23	23
	Mean ±S.D.	16.3 3.7	17.3 4.6	16.7 4.0	15.7 3.0	16.8 3.4	16.8 3.7	16.8 3.7
2	7	16	30	31	31	31	26	25
	8	16	43	41	33	27	29	22
	9	14	27	27	19	17	15	17
	10	16	27	27	29	30	26	25
	11	15	34	32	29	31	27	25
	12	15	38	35	37	36	32	32
	Mean ±S.D.	15.3 0.8	33.2** 6.4	32.2** 5.3	29.7** 6.0	28.7** 6.4	25.8** 5.8	24.3** 4.9
3	13	19	31	33	25	28	24	22
	14	14	25	24	27	28	24	21
	15	16	21	22	20	19	19	16
	16	14	23	23	24	22	22	20
	17	14	26	29	28	25	25	24
	18	12	26	24	23	23	21	21
	Mean ±S.D.	14.8 2.4	25.3** 3.4#	25.8** 4.3#	24.5** 2.9#	24.2** 3.5	22.5** 2.3	20.7* 2.7

Note) F-cho : Free cholesterol

* P<0.05 , ** P<0.01 : Significantly different from group 1.

P<0.05 : Significantly different from group 2.

Table 4-15 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	Glucose (mg/dL)						
		-7	15	28	42	56	75	83
1	1	123	95	103	113	99	92	108
	2	148	109	101	107	117	95	105
	3	143	100	82	88	89	81	92
	4	105	78	77	87	89	79	100
	5	96	92	91	130	105	100	88
	6	137	115	82	95	90	78	84
	Mean	125.3	98.2	89.3	103.3	98.2	87.5	96.2
±S.D.	21.2	13.1	10.8	16.7	11.3	9.4	9.6	
2	7	68	77	79	104	120	88	81
	8	151	86	95	119	98	98	88
	9	169	83	86	152	101	89	144
	10	124	89	84	109	92	80	159
	11	101	120	84	128	139	85	96
	12	160	86	90	163	112	99	91
	Mean	128.8	90.2	86.3	129.2*	110.3	89.8	109.8
±S.D.	38.9	15.2	5.5	23.7	17.3	7.4	33.0	
3	13	137	76	86	113	88	84	103
	14	119	99	85	133	90	99	122
	15	105	88	86	91	85	82	100
	16	88	70	92	98	92	93	167
	17	196	92	90	93	91	94	102
	18	155	85	81	111	98	83	123
	Mean	133.3	85.0*	86.7	106.5	90.7	89.2	119.5*
±S.D.	38.7	10.6	3.9	15.9#	4.4#	7.1	25.4	

* P<0.05 : Significantly different from group 1.

P<0.05 : Significantly different from group 2.

Table 4-16 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	UN (mg/dL)						
		-7	15	28	42	56	75	83
1	1	9.4	10.6	13.2	12.9	15.0	13.6	12.3
	2	10.5	14.9	16.2	14.6	12.2	14.7	15.4
	3	14.4	13.9	14.6	12.3	13.0	14.0	11.8
	4	9.3	9.6	9.1	9.6	8.9	8.3	8.1
	5	6.0	9.7	8.9	9.0	9.0	9.0	8.9
	6	12.6	14.6	10.3	11.4	11.5	11.8	9.3
	Mean ±S.D.	10.37 2.91	12.22 2.51	12.05 3.06	11.63 2.10	11.60 2.36	11.90 2.70	10.97 2.73
2	7	10.1	9.6	9.1	10.3	9.3	8.0	6.7
	8	10.4	10.0	7.6	7.2	6.5	6.6	5.9
	9	9.0	8.4	7.6	6.2	8.4	5.5	7.2
	10	9.5	7.8	6.7	5.1	7.2	5.0	6.4
	11	12.0	7.1	7.5	7.5	8.6	6.2	5.3
	12	10.6	11.0	9.0	8.9	7.8	6.1	6.6
	Mean ±S.D.	10.27 1.03	8.98* 1.47	7.92** 0.94	7.53** 1.86	7.97** 1.01	6.23** 1.03	6.35** 0.67
3	13	8.1	8.0	6.7	7.3	7.3	5.8	6.6
	14	13.1	8.7	7.6	8.0	7.6	6.6	8.1
	15	8.0	5.7	6.0	5.0	5.8	5.9	6.5
	16	11.4	10.9	8.9	7.9	8.6	6.5	6.5
	17	10.1	11.1	9.7	8.1	9.0	8.3	6.4
	18	12.8	10.0	7.5	7.8	7.2	8.0	7.9
	Mean ±S.D.	10.58 2.24	9.07* 2.05	7.73** 1.37	7.35** 1.18	7.58** 1.14	6.85** 1.06	7.00** 0.78

Note) UN : Urea nitrogen

* P<0.05 , ** P<0.01 : Significantly different from group 1.
Not significantly different from group 2.

Table 4-17 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	Cre (mg/dL)						
		-7	15	28	42	56	75	83
1	1	0.85	0.79	0.81	0.84	0.86	0.87	0.95
	2	1.06	0.97	1.00	1.04	0.87	1.08	1.24
	3	1.03	0.83	0.83	0.83	0.80	0.86	0.95
	4	0.80	0.78	0.76	0.84	0.81	0.79	0.85
	5	0.69	0.79	0.76	0.83	0.84	1.00	1.00
	6	0.99	0.86	0.80	0.96	0.94	0.97	0.95
	Mean	0.903	0.837	0.827	0.890	0.853	0.928	0.990
±S.D.	0.146	0.072	0.089	0.089	0.050	0.107	0.132	
2	7	0.89	0.95	0.90	1.00	1.00	0.96	0.96
	8	1.07	1.02	0.93	0.97	0.86	0.96	0.90
	9	0.98	0.87	0.85	0.88	0.92	1.01	0.94
	10	0.99	0.86	0.80	0.90	0.91	0.92	0.98
	11	0.69	0.67	0.68	0.74	0.75	0.77	0.83
	12	1.06	0.89	0.81	0.98	0.91	0.99	1.14
	Mean	0.947	0.877	0.828	0.912	0.892	0.935	0.958
±S.D.	0.142	0.118	0.088	0.096	0.083	0.086	0.104	
3	13	1.05	0.99	0.91	0.94	0.91	1.00	1.04
	14	0.91	0.95	0.82	0.93	0.85	0.86	0.83
	15	0.90	0.81	0.80	0.81	0.86	0.91	0.98
	16	0.96	0.92	0.88	0.96	0.97	0.99	1.15
	17	1.15	1.00	0.86	0.90	0.93	0.98	0.99
	18	0.91	0.85	0.80	0.83	0.85	0.87	1.00
	Mean	0.980	0.920*	0.845	0.895	0.895	0.935	0.998
±S.D.	0.100	0.076	0.045	0.062	0.050	0.063	0.103	

Note) Cre : Creatinine

* P<0.05 : Significantly different from group 1.
 Not significantly different from group 2.

Table 4-18 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	IP (mg/dL)						
		-7	15	28	42	56	75	83
1	1	7.01	7.15	6.95	6.45	6.87	6.70	6.86
	2	6.84	6.77	7.14	6.12	6.52	6.52	7.42
	3	6.25	6.80	6.82	6.80	6.84	7.18	7.03
	4	8.21	7.25	7.83	7.49	7.84	7.54	7.71
	5	6.76	7.26	8.06	7.64	7.30	7.17	6.94
	6	9.42	7.47	7.32	6.29	8.40	7.99	6.97
	Mean	7.415	7.117	7.353	6.798	7.295	7.183	7.155
±S.D.	1.178	0.277	0.494	0.637	0.708	0.539	0.335	
2	7	7.17	7.20	8.03	7.66	7.88	7.71	7.61
	8	7.44	7.05	8.71	7.04	7.92	7.96	6.64
	9	6.81	6.67	8.01	7.10	8.28	7.83	6.98
	10	6.94	7.42	7.96	8.72	8.58	7.70	8.19
	11	6.22	6.55	7.52	7.08	7.21	7.41	8.12
	12	7.68	7.37	7.70	6.67	7.40	7.28	7.05
	Mean	7.043	7.043	7.988*	7.378	7.878	7.648*	7.432
±S.D.	0.514	0.362	0.407	0.730	0.516	0.257	0.641	
3	13	8.01	6.59	8.19	7.69	8.81	8.15	8.30
	14	6.18	6.15	7.17	6.37	7.37	6.21	7.24
	15	8.00	7.17	7.80	7.91	7.83	7.17	7.22
	16	7.35	6.66	7.66	7.16	7.34	8.35	8.56
	17	9.15	6.44	7.47	7.12	7.84	6.84	7.50
	18	7.49	6.71	7.62	7.14	7.60	7.57	7.51
	Mean	7.697	6.620**	7.652	7.232	7.798	7.382	7.722*
±S.D.	0.976	0.337#	0.340	0.536	0.540	0.809	0.568	

Note) IP : Inorganic phosphorus

* P<0.05 , ** P<0.01 : Significantly different from group 1.

P<0.05 : Significantly different from group 2.

Table 4-19 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	Ca (mg/dL)						
		-7	15	28	42	56	75	83
1	1	10.1	11.3	10.9	10.3	11.0	10.8	10.6
	2	10.2	11.7	12.1	11.3	10.1	11.3	10.8
	3	9.8	11.1	11.2	10.4	10.3	11.5	10.7
	4	9.8	11.2	10.9	10.6	11.1	10.9	10.2
	5	9.7	11.1	10.9	10.1	10.1	10.5	9.9
	6	10.5	11.2	10.8	10.5	11.2	11.1	10.3
	Mean	10.02	11.27	11.13	10.53	10.63	11.02	10.42
±S.D.	0.31	0.23	0.49	0.41	0.52	0.36	0.34	
2	7	9.7	10.2	10.5	10.5	7.3	10.2	10.3
	8	10.4	11.2	11.4	10.4	10.9	11.1	10.1
	9	10.2	10.8	11.3	10.6	11.6	11.6	10.1
	10	10.2	11.3	11.2	11.0	12.0	11.6	9.9
	11	9.7	10.4	11.1	10.2	10.3	10.8	10.9
	12	10.0	11.4	11.0	10.8	10.8	10.5	10.5
	Mean	10.03	10.88	11.08	10.58	10.48	10.97	10.30
±S.D.	0.29	0.50	0.32	0.29	1.67	0.58	0.36	
3	13	10.8	11.3	11.6	10.6	11.3	11.6	10.7
	14	10.2	10.7	10.7	10.6	11.0	10.8	10.3
	15	10.6	10.1	10.3	10.3	10.3	10.6	10.3
	16	9.7	10.3	10.6	10.5	10.3	11.1	9.8
	17	9.9	10.5	10.6	10.4	11.0	10.7	10.4
	18	10.0	10.2	10.5	10.4	10.4	10.8	10.1
	Mean	10.20	10.52**	10.72	10.47	10.72	10.93	10.27
±S.D.	0.42	0.44	0.45	0.12	0.44	0.37	0.30	

Note) Ca : Calcium

** P<0.01 : Significantly different from group 1.
 Not significantly different from group 2.

Table 4-20 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	Na (mEq/L)						
		-7	15	28	42	56	75	83
1	1	140	147	142	141	144	145	146
	2	144	143	146	146	143	146	145
	3	139	143	148	148	147	152	146
	4	141	147	144	146	147	146	143
	5	128	139	138	135	137	140	138
	6	147	146	142	144	150	151	147
	Mean	139.8	144.2	143.3	143.3	144.7	146.7	144.2
	±S.D.	6.5	3.1	3.5	4.7	4.5	4.4	3.3
2	7	141	144	145	144	145	144	145
	8	143	146	147	143	146	149	144
	9	137	145	151	144	151	155	143
	10	143	146	145	151	156	151	143
	11	127	125	135	137	131	141	143
	12	142	150	145	145	143	146	146
	Mean	138.8	142.7	144.7	144.0	145.3	147.7	144.0
	±S.D.	6.2	8.9	5.3	4.5	8.5	5.0	1.3
3	13	145	149	151	145	148	151	147
	14	131	148	145	145	148	147	142
	15	145	143	144	146	144	147	145
	16	137	144	141	145	145	148	140
	17	144	145	146	147	149	149	143
	18	140	147	145	145	143	148	143
	Mean	140.3	146.0	145.3	145.5	146.2	148.3	143.3
	±S.D.	5.6	2.4	3.3	0.8	2.5	1.5	2.4

Note) Na : Sodium

Not significantly different from group 1.

Not significantly different from group 2.

Table 4-21 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	K (mEq/L)						
		-7	15	28	42	56	75	83
1	1	4.6	5.4	4.8	4.5	4.4	5.7	4.2
	2	4.2	5.2	6.6	4.8	5.4	6.6	5.4
	3	4.2	6.5	6.3	4.9	4.7	6.9	6.2
	4	3.8	6.1	6.2	5.1	5.4	6.2	4.6
	5	3.6	6.4	6.1	4.9	4.8	5.5	5.1
	6	5.5	6.1	6.9	4.6	6.0	6.8	4.8
	Mean	4.32	5.95	6.15	4.80	5.12	6.28	5.05
±S.D.	0.68	0.53	0.72	0.22	0.59	0.58	0.70	
2	7	4.0	5.1	5.7	4.1	6.9	5.2	4.5
	8	5.3	7.2	7.1	4.6	5.5	5.7	3.9
	9	4.2	6.8	6.3	4.8	5.6	6.7	3.8
	10	4.5	6.5	6.5	5.6	6.3	5.9	4.8
	11	4.2	5.1	5.6	3.7	5.1	5.7	5.7
	12	6.0	6.3	6.3	5.3	5.0	5.6	4.8
	Mean	4.70	6.17	6.25	4.68	5.73	5.80	4.58
±S.D.	0.78	0.88	0.55	0.71	0.73	0.50	0.70	
3	13	4.6	6.2	6.1	4.5	7.1	6.5	4.6
	14	4.2	4.9	6.3	4.4	5.8	4.8	4.6
	15	4.6	5.9	5.7	5.6	4.9	5.5	4.6
	16	4.8	5.7	6.3	5.1	5.0	6.2	4.6
	17	5.2	6.0	6.4	4.8	6.0	5.6	4.9
	18	4.0	5.0	5.2	4.5	4.4	5.0	4.4
	Mean	4.57	5.62	6.00	4.82	5.53	5.60*	4.62
±S.D.	0.43	0.54	0.46	0.46	0.97	0.66	0.16	

Note) K : Potassium

* P<0.05 : Significantly different from group 1.
 Not significantly different from group 2.

Table 4-22 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	Cl (mEq/L)						
		-7	15	28	42	56	75	83
1	1	100	103	100	103	102	108	104
	2	100	97	97	99	101	103	106
	3	96	102	103	105	105	109	107
	4	101	104	102	103	103	103	103
	5	90	97	98	99	98	99	98
	6	102	107	105	99	104	105	105
	Mean	98.2	101.7	100.8	101.3	102.2	104.5	103.8
±S.D.	4.5	4.0	3.1	2.7	2.5	3.7	3.2	
2	7	102	103	104	102	103	107	106
	8	104	107	108	101	104	105	105
	9	93	106	106	105	104	107	106
	10	100	106	109	105	109	107	107
	11	91	88	95	96	93	102	102
	12	101	105	107	102	104	104	105
	Mean	98.5	102.5	104.8	101.8	102.8	105.3	105.2
±S.D.	5.2	7.2	5.1	3.3	5.3	2.1	1.7	
3	13	99	104	105	100	108	106	103
	14	94	104	109	102	109	105	101
	15	101	106	107	108	105	106	106
	16	97	105	105	103	104	105	104
	17	101	109	109	104	105	106	109
	18	100	104	104	103	103	104	103
	Mean	98.7	105.3*	106.5**	103.3	105.7*	105.3	104.3
±S.D.	2.7	2.0	2.2	2.7	2.3	0.8	2.8	

Note) Cl : Chloride

* P<0.05 , ** P<0.01 : Significantly different from group 1.
 Not significantly different from group 2.

Table 4-23 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	HDL-Cho (%)						
		-7	15	28	42	56	75	83
1	1	61	54	58	46	43	55	54
	2	48	53	46	44	25	55	50
	3	42	47	42	42	42	48	44
	4	47	48	48	48	51	50	47
	5	37	37	42	47	40	37	34
	6	49	38	38	44	36	33	31
	Mean	47.3	46.2	45.7	45.2	39.5	46.3	43.3
±S.D.	8.1	7.3	7.0	2.2	8.6	9.3	9.1	
2	7	55	50	47	55	54	55	54
	8	44	51	54	52	69	65	61
	9	59	59	66	62	73	68	68
	10	54	59	64	52	68	59	59
	11	40	47	47	45	46	47	46
	12	40	47	50	54	52	53	49
	Mean	48.7	52.2	54.7*	53.3**	60.3**	57.8*	56.2*
±S.D.	8.3	5.5	8.4	5.5	11.0	7.8	8.1	
3	13	53	51	58	62	56	52	53
	14	46	56	58	66	57	56	46
	15	51	56	52	55	53	51	56
	16	42	47	56	57	54	49	49
	17	48	50	50	52	57	49	52
	18	48	55	64	58	64	57	60
	Mean	48.0	52.5*	56.3**	58.3**	56.8**	52.3	52.7*
±S.D.	3.8	3.7	5.0	5.0	3.9	3.4	5.0	

Note) HDL-Cho(%) : High density lipoprotein-Cholesterol ratio

* P<0.05 , ** P<0.01 : Significantly different from group 1.
Not significantly different from group 2.

Table 4-24 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	LDL-Cho (%)						
		-7	15	28	42	56	75	83
1	1	34	39	35	47	43	41	40
	2	46	41	45	51	61	40	44
	3	52	44	49	52	45	46	48
	4	46	45	44	41	44	44	43
	5	57	55	53	44	49	53	57
	6	47	56	55	51	57	62	61
	Mean	47.0	46.7	46.8	47.7	49.8	47.7	48.8
	±S.D.	7.7	7.2	7.2	4.5	7.5	8.4	8.4
2	7	41	46	48	40	41	40	41
	8	50	46	43	42	28	31	35
	9	35	35	31	32	22	25	28
	10	41	36	34	42	30	35	35
	11	53	50	50	50	47	49	49
	12	54	49	47	41	43	44	47
	Mean	45.7	43.7	42.2	41.2*	35.2**	37.3*	39.2*
	±S.D.	7.7	6.5	7.9	5.7	9.9	8.8	8.0
3	13	42	45	40	36	37	43	42
	14	49	39	37	30	37	40	47
	15	44	39	43	41	40	41	39
	16	50	47	40	39	40	44	45
	17	47	45	46	44	35	41	39
	18	45	41	34	37	32	38	34
	Mean	46.2	42.7	40.0*	37.8**	36.8**	41.2	41.0*
	±S.D.	3.1	3.4	4.2	4.8	3.1	2.1	4.7

Note) LDL-Cho(%) : Low density lipoprotein-Cholesterol ratio

* P<0.05 , ** P<0.01 : Significantly different from group 1.
Not significantly different from group 2.

Table 4-25 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	VLDL-Cho (%)						
		-7	15	28	42	56	75	83
1	1	4	6	6	6	11	3	5
	2	5	5	7	4	11	4	5
	3	5	5	5	5	11	5	7
	4	4	5	5	9	4	5	7
	5	5	7	4	7	11	9	6
	6	3	5	6	3	6	4	7
	Mean	4.3	5.5	5.5	5.7	9.0	5.0	6.2
	±S.D.	0.8	0.8	1.0	2.2	3.2	2.1	1.0
2	7	3	4	4	3	5	4	4
	8	5	2	2	5	3	3	3
	9	4	4	2	5	5	6	4
	10	3	4	2	5	2	4	5
	11	5	3	2	4	6	3	4
	12	5	3	2	4	4	3	3
	Mean	4.2	3.3**	2.3**	4.3	4.2**	3.8	3.8**
	±S.D.	1.0	0.8	0.8	0.8	1.5	1.2	0.8
3	13	3	3	2	2	6	4	5
	14	5	4	3	4	5	4	6
	15	3	3	4	3	5	6	3
	16	7	4	3	3	5	6	5
	17	3	4	3	3	6	8	7
	18	5	3	2	4	3	4	5
	Mean	4.3	3.5**	2.8**	3.2*	5.0*	5.3	5.2
	±S.D.	1.6	0.5	0.8	0.8#	1.1	1.6#	1.3#

Note) VLDL-Cho(%): Very low density lipoprotein-Cholesterol ratio

* P<0.05 , ** P<0.01 : Significantly different from group 1.

P<0.05 : Significantly different from group 2.

Table 4-26 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	CM-Cho (%)						
		-7	15	28	42	56	75	83
1	1	1	1	1	1	3	1	1
	2	1	1	2	1	3	1	1
	3	1	4	4	1	2	1	1
	4	3	2	3	2	1	1	3
	5	1	1	1	2	0	1	3
	6	1	1	1	2	1	1	1
	Mean	1.3	1.7	2.0	1.5	1.7	1.0	1.7
±S.D.	0.8	1.2	1.3	0.5	1.2	0.0	1.0	
2	7	1	0	1	2	0	1	1
	8	1	1	1	1	0	1	1
	9	2	2	1	1	0	1	0
	10	2	1	0	1	0	2	1
	11	2	0	1	1	1	1	1
	12	1	1	1	1	1	0	1
	Mean	1.5	0.8	0.8*	1.2	0.3*	1.0	0.8
±S.D.	0.5	0.8	0.4	0.4	0.5	0.6	0.4	
3	13	2	1	0	0	1	1	0
	14	0	1	2	0	1	0	1
	15	2	2	1	1	2	2	2
	16	1	2	1	1	1	1	1
	17	2	1	1	1	2	2	2
	18	2	1	0	1	1	1	1
	Mean	1.5	1.3	0.8*	0.7*	1.3	1.2	1.2
±S.D.	0.8	0.5	0.8	0.5#	0.5##	0.8	0.8	

Note) CM-Cho (%) : Chylomicron-Cholesterol ratio

* P<0.05 : Significantly different from group 1.

P<0.05 , ## P<0.01 : Significantly different from group 2.

Table 4-27 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	HDL-Cho (mg/dL)						
		-7	15	28	42	56	75	83
1	1	43	33	30	25	28	37	36
	2	28	33	33	29	18	37	34
	3	24	35	35	27	29	37	35
	4	24	27	25	26	29	28	24
	5	25	27	29	34	29	29	24
	6	48	45	38	40	36	35	31
	Mean	32.0	33.3	31.7	30.2	28.2	33.8	30.7
±S.D.	10.7	6.6	4.6	5.8	5.8	4.2	5.4	
2	7	38	69	64	74	78	68	64
	8	29	94	97	71	83	85	63
	9	34	70	81	53	61	52	54
	10	38	74	81	69	95	70	68
	11	22	66	63	52	58	55	49
	12	22	78	81	86	83	72	67
	Mean	30.5	75.2**	77.8**	67.5**	76.3**	67.0**	60.8**
±S.D.	7.4	10.1	12.7	13.0	14.2	12.1	7.6	
3	13	42	68	87	71	70	58	55
	14	26	63	64	78	68	60	44
	15	37	52	55	50	48	46	44
	16	24	48	57	59	53	49	43
	17	27	56	65	66	63	55	56
	18	25	62	70	59	67	58	56
	Mean	30.2	58.2**	66.3**	63.8**	61.5**	54.3**	49.7**
±S.D.	7.5	7.5##	11.5	9.9	9.0#	5.6#	6.6#	

Note) HDL-Cho : High density lipoprotein-Cholesterol

** P<0.01 : Significantly different from group 1.

P<0.05 , ## P<0.01 : Significantly different from group 2.

Table 4-28 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	LDL-Cho (mg/dL)						
		-7	15	28	42	56	75	83
1	1	24	24	18	25	28	27	27
	2	27	26	32	33	43	27	29
	3	29	33	41	34	31	35	38
	4	23	25	23	23	25	24	22
	5	38	41	37	32	35	41	40
	6	46	66	55	46	58	65	62
	Mean	31.2	35.8	34.3	32.2	36.7	36.5	36.3
	±S.D.	9.0	16.1	13.3	8.1	12.2	15.3	14.3
2	7	28	63	65	54	59	49	49
	8	34	85	77	58	34	41	36
	9	20	41	38	28	18	19	22
	10	29	45	43	56	42	42	41
	11	29	70	68	58	59	58	52
	12	30	81	76	66	68	60	64
	Mean	28.3	64.2**	61.2**	53.3**	46.7	44.8	44.0
	±S.D.	4.6	18.2	16.7	13.1	18.8	14.9	14.5
3	13	33	60	60	41	46	48	43
	14	27	44	41	35	44	43	45
	15	32	36	46	37	36	37	31
	16	29	48	41	40	39	44	40
	17	27	50	60	55	38	46	42
	18	23	46	37	38	34	38	32
	Mean	28.5	47.3	47.5*	41.0*	39.5	42.7	38.8
	±S.D.	3.7	7.9#	10.1	7.2#	4.6	4.4	5.9

Note) LDL-Cho : Low density lipoprotein-Cholesterol

* P<0.05 , ** P<0.01 : Significantly different from group 1.

P<0.05 : Significantly different from group 2.

Table 4-29 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No. \ Day	VLDL-Cho (mg/dL)						
		-7	15	28	42	56	75	83
1	1	3	4	3	3	7	2	3
	2	3	3	5	3	8	3	3
	3	3	4	4	3	8	4	6
	4	2	3	3	5	2	3	4
	5	3	5	3	5	8	7	4
	6	3	6	6	3	6	4	7
	Mean	2.8	4.2	4.0	3.7	6.5	3.8	4.5
	±S.D.	0.4	1.2	1.3	1.0	2.3	1.7	1.6
2	7	2	6	5	4	7	5	5
	8	3	4	4	7	4	4	3
	9	2	5	2	4	4	5	3
	10	2	5	3	7	3	5	6
	11	3	4	3	5	8	4	4
	12	3	5	3	6	6	4	4
	Mean	2.5	4.8	3.3	5.5*	5.3	4.5	4.2
	±S.D.	0.5	0.8	1.0	1.4	2.0	0.5	1.2
3	13	2	4	3	2	8	4	5
	14	3	5	3	5	6	4	6
	15	2	3	4	3	5	5	2
	16	4	4	3	3	5	6	4
	17	2	4	4	4	7	9	7
	18	3	3	2	4	3	4	5
	Mean	2.7	3.8	3.2	3.5	5.7	5.3	4.8
	±S.D.	0.8	0.8#	0.8	1.0##	1.8	2.0	1.7

Note) VLDL-Cho : Very low density lipoprotein-Cholesterol

* P<0.05 : Significantly different from group 1.

P<0.05 , ## P<0.01 : Significantly different from group 2.