

Table 4-27 Blood chemistry in male microminipigs

Study No. SBL703-030

Group	Animal No.	HDL-Cho (mg/dL)								
		Pre	2w	4w	8w	12w	16w	20w	24w	30w
1	1	25	108	140	120	104	130	167	160	119
	2	20	77	109	138	104	113	124	111	99
	3	27	108	147	75	122	139	166	118	106
	4	16	70	29	49	51	46	60	50	54
	5	23	116	82	105	94	84	110	96	60
	Mean ±S.D.	22.2 4.3	95.8 20.8	101.4 48.1	97.4 35.6	95.0 26.6	102.4 37.9	125.4 44.4	107.0 39.7	87.6 28.9
2	6	22	116	147	152	181	188	179	216	106
	7	28	83	75	86	90	95	78	80	70
	8	22	95	101	81	81	87	135	176	122
	9	30	103	124	162	120	108	116	129	86
	10	20	76	91	118	96	109	123	138	84
	Mean ±S.D.	24.4 4.3	94.6 15.9	107.6 28.3	119.8 37.0	113.6 40.4	117.4 40.5	126.2 36.4	147.8 51.2	93.6 20.4
3	11	24	111	129	127	156	176	155	200	220
	12	27	98	137	196	162	171	172	232	108
	13	17	76	93	124	100	89	107	136	90
	14	13	86	120	156	153	142	118	131	104
	15	20	123	142	181	199	177	171	167	110
	Mean ±S.D.	20.2 5.5	98.8 18.8	124.2 19.3	156.8* 32.0	154.0** 35.4	151.0* 37.5	144.6 30.3	173.2* 42.9	126.4 52.9

Note) HDL-Cho : High density lipoprotein-Cholesterol

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

Table 4-28 Blood chemistry in male microminipigs

Study No. SBL703-030

Group	Animal No.	LDL-Cho (mg/dL)								
		Pre	2w	4w	8w	12w	16w	20w	24w	30w
1	1	32	369	426	290	269	304	334	347	259
	2	15	212	229	225	179	166	236	228	139
	3	29	408	405	143	229	246	280	195	98
	4	28	148	67	138	64	87	71	83	65
	5	26	337	400	405	328	316	382	157	181
	Mean ±S.D.	26.0 6.5	294.8 110.1	305.4 155.0	240.2 111.5	213.8 100.0	223.8 96.8	260.6 119.4	202.0 97.4	148.4 75.6
2	6	25	236	341	180	169	213	161	170	73
	7	23	229	279	275	193	220	169	170	124
	8	28	384	332	229	270	253	275	252	223
	9	25	366	388	309	221	148	182	147	57
	10	26	86	133	173	102	119	149	171	75
	Mean ±S.D.	25.4 1.8	260.2 120.9	294.6 98.3	233.2 59.1	191.0 62.3	190.6 55.2	187.2 50.5	182.0 40.4	110.4 67.8
3	11	31	301	308	285	279	187	136	139	100
	12	24	357	339	386	362	383	367	299	231
	13	17	250	206	201	164	179	153	165	92
	14	21	248	237	209	160	148	135	148	147
	15	23	207	204	231	208	218	194	167	141
	Mean ±S.D.	23.2 5.1	272.6 57.8	258.8 61.5	262.4 76.5	234.6 85.8	223.0 92.8	197.0 98.0	183.6 65.6	142.2 55.3

Note) LDL-Cho : Low density lipoprotein-Cholesterol

Not significantly different from group 1.  
 Not significantly different from group 2.

Table 4-29 Blood chemistry in male microminipigs

Study No. SBL703-030

Group	Animal No.	VLDL-Cho (mg/dL)								
		Pre	2w	4w	8w	12w	16w	20w	24w	30w
1	1	4	54	30	37	12	13	27	33	16
	2	3	37	18	38	15	15	19	11	7
	3	4	34	23	17	18	12	19	20	11
	4	5	14	4	6	9	6	4	6	5
	5	5	63	21	39	27	17	26	16	16
	Mean ±S.D.	4.2 0.8	40.4 19.0	19.2 9.6	27.4 15.0	16.2 6.9	12.6 4.2	19.0 9.2	17.2 10.3	11.0 5.0
2	6	3	36	26	18	31	17	22	25	12
	7	5	28	19	28	15	10	22	13	12
	8	6	32	18	24	18	7	22	18	7
	9	5	41	23	47	34	11	30	21	9
	10	4	9	7	26	10	10	11	20	7
	Mean ±S.D.	4.6 1.1	29.2 12.3	18.6 7.2	28.6 10.9	21.6 10.4	11.0 3.7	21.4 6.8	19.4 4.4	9.4 2.5
3	11	4	22	14	22	23	27	22	34	21
	12	3	29	20	31	28	29	29	28	18
	13	5	33	27	25	20	17	14	19	12
	14	4	38	23	32	35	22	35	15	16
	15	4	29	15	32	17	12	19	10	8
	Mean ±S.D.	4.0 0.7	30.2 5.9	19.8 5.4	28.4 4.6	24.6* 7.1	21.4* 7.0###	23.8 8.3	21.2 9.7	15.0 5.1#

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

\* P&lt;0.05 : Significantly different from group 1.

# P&lt;0.05 , ## P&lt;0.01 : Significantly different from group 2.

Table 4-30 Blood chemistry in male microminipigs

Study No. SBL703-030

Group	Animal No.	CM-Cho (mg/dL)								
		Pre	2w	4w	8w	12w	16w	20w	24w	30w
1	1	2	11	12	14	0	0	11	11	4
	2	1	10	7	17	0	3	8	7	2
	3	1	17	12	7	0	0	10	3	2
	4	2	2	0	2	1	0	1	1	1
	5	1	11	10	6	0	4	5	6	3
	Mean ±S.D.	1.4 0.5	10.2 5.4	8.2 5.0	9.2 6.1	0.2 0.4	1.4 1.9	7.0 4.1	5.6 3.8	2.4 1.1
2	6	1	12	10	4	4	0	4	4	2
	7	1	7	4	4	3	3	0	3	0
	8	1	16	9	3	0	0	4	4	7
	9	1	5	28	5	0	3	3	3	2
	10	1	2	2	10	0	5	3	0	5
	Mean ±S.D.	1.0 0.0	8.4 5.6	10.6 10.3	5.2 2.8	1.4 1.9	2.2 2.2	2.8* 1.6	2.8 1.6	3.2 2.8
3	11	0	9	9	4	0	0	3	4	3
	12	1	5	10	0	6	6	6	6	4
	13	1	4	7	4	3	3	0	3	2
	14	1	4	8	4	0	3	0	3	0
	15	2	4	4	9	0	4	4	3	3
	Mean ±S.D.	1.0 0.7	5.2* 2.2	7.6 2.3	4.2 3.2	1.8 2.7	3.2 2.2	2.6* 2.6	3.8 1.3	2.4 1.5

Note) CM-Cho : Chylomicron-Cholesterol

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

Table 4-31 Blood chemistry in male microminipigs

Study No. SBL703-030

Group	Animal No.	HDL-TGL (%)								
		Pre	2w	4w	8w	12w	16w	20w	24w	30w
1	1	19	20	10	12	20	14	10	13	14
	2	20	17	7	16	14	14	12	8	14
	3	17	15	9	24	10	16	14	10	13
	4	6	25	44	21	28	32	23	21	11
	5	24	22	18	15	15	13	12	8	7
	Mean ±S.D.	17.2 6.8	19.8 4.0	17.6 15.3	17.6 4.8	17.4 6.9	17.8 8.0	14.2 5.1	12.0 5.4	11.8 2.9
2	6	29	23	18	13	18	13	18	15	11
	7	17	19	11	14	22	16	10	17	20
	8	11	7	8	12	10	16	16	5	14
	9	9	19	10	9	31	23	14	15	18
	10	10	17	12	15	25	19	10	6	9
	Mean ±S.D.	15.2 8.3	17.0 6.0	11.8 3.8	12.6* 2.3	21.2 7.9	17.4 3.8	13.6 3.6	11.6 5.6	14.4 4.6
3	11	37	17	10	9	19	25	12	8	17
	12	11	13	12	15	14	9	8	7	15
	13	16	40	13	6	19	13	11	17	20
	14	17	46	15	13	19	25	17	15	28
	15	13	13	21	17	24	21	23	9	12
	Mean ±S.D.	18.8 10.4	25.8 15.9	14.2 4.2	12.0* 4.5	19.0 3.5	18.6 7.3	14.2 5.9	11.2 4.5	18.4* 6.1

Note) HDL-TGL(%) : High density lipoprotein-Triglycerides ratio

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

Table 4-32 Blood chemistry in male microminipigs

Study No. SBL703-030

Group	Animal No.	LDL-TGL (%)								
		Pre	2w	4w	8w	12w	16w	20w	24w	30w
1	1	36	50	51	27	31	47	30	41	40
	2	26	45	37	19	25	33	27	41	32
	3	14	50	45	26	28	47	36	33	34
	4	28	35	30	28	27	36	22	20	30
	5	22	44	47	37	44	44	40	35	29
	Mean ±S.D.	25.2 8.1	44.8 6.1	42.0 8.4	27.4 6.4	31.0 7.6	41.4 6.5	31.0 7.1	34.0 8.6	33.0 4.4
2	6	26	40	46	35	38	49	29	40	21
	7	28	38	45	36	41	53	44	36	28
	8	36	43	41	32	22	44	34	49	39
	9	33	50	41	35	30	31	31	38	32
	10	25	24	46	25	40	31	26	33	33
	Mean ±S.D.	29.6 4.7	39.0 9.5	43.8 2.6	32.6 4.5	34.2 8.1	41.6 10.2	32.8 6.9	39.2 6.1	30.6 6.7
3	11	19	55	36	23	51	38	17	43	27
	12	21	53	42	41	29	48	32	45	35
	13	25	37	40	27	32	41	37	33	27
	14	34	28	37	35	36	42	41	37	30
	15	27	39	43	34	39	38	29	47	46
	Mean ±S.D.	25.2 5.8	42.4 11.4	39.6 3.0#	32.0 7.1	37.4 8.5	41.4 4.1	31.2 9.2	41.0 5.8	33.0 8.0

Note) LDL-TGL(%) : Low density lipoprotein-Triglycerides ratio

Not significantly different from group 1.

# P&lt;0.05 : Significantly different from group 2.

Table 4-33 Blood chemistry in male microminipigs

Study No. SBL703-030

Group	Animal No.	VLDL-TGL (%)								
		Pre	2w	4w	8w	12w	16w	20w	24w	30w
1	1	41	29	17	24	40	16	28	23	21
	2	43	27	23	41	51	36	38	30	30
	3	61	25	15	41	47	22	23	41	39
	4	49	26	16	29	34	23	26	30	30
	5	42	28	18	33	34	23	28	25	36
	Mean ±S.D.	47.2 8.3	27.0 1.6	17.8 3.1	33.6 7.5	41.2 7.7	24.0 7.3	28.6 5.6	29.8 7.0	31.2 6.9
2	6	34	27	20	34	33	21	25	29	31
	7	45	36	32	35	29	18	29	41	40
	8	45	25	19	45	62	29	23	27	21
	9	45	26	14	31	28	28	33	34	31
	10	52	27	18	29	26	26	23	46	29
	Mean ±S.D.	44.2 6.5	28.2 4.4	20.6 6.8	34.8 6.2	35.6 15.0	24.4 4.7	26.6 4.3	35.4 8.0	30.4 6.8
3	11	36	20	19	24	21	26	24	19	23
	12	60	16	27	30	48	25	31	32	34
	13	45	8	28	31	40	28	29	33	40
	14	38	14	26	35	35	20	34	25	36
	15	44	31	21	30	25	21	32	21	34
	Mean ±S.D.	44.6 9.4	17.8* 8.6#	24.2* 4.0	30.0 3.9	33.8 11.0	24.0 3.4	30.0 3.8	26.0 6.3#	33.4 6.3

Note) VLDL-TGL(%): Very low density lipoprotein-Triglycerides ratio

\* P&lt;0.05 : Significantly different from group 1.

# P&lt;0.05 : Significantly different from group 2.

Table 4-34 Blood chemistry in male microminipigs

Study No. SBL703-030

Group	Animal No.	CM-TGL (%)								
		Pre	2w	4w	8w	12w	16w	20w	24w	30w
1	1	4	1	22	37	9	23	32	23	25
	2	11	11	33	24	10	17	23	21	24
	3	8	10	31	9	15	15	27	16	14
	4	17	14	10	22	11	9	29	29	29
	5	12	6	17	15	7	20	20	32	28
	Mean ±S.D.	10.4 4.8	8.4 5.0	22.6 9.6	21.4 10.5	10.4 3.0	16.8 5.3	26.2 4.8	24.2 6.4	24.0 6.0
2	6	11	10	16	18	11	17	28	16	37
	7	10	7	12	15	8	13	17	6	12
	8	8	25	32	11	6	11	27	19	26
	9	13	5	35	25	11	18	22	13	19
	10	13	32	24	31	9	24	41	15	29
	Mean ±S.D.	11.0 2.1	15.8 12.0	23.8 9.9	20.0 8.0	9.0 2.1	16.6 5.0	27.0 9.0	13.8** 4.9	24.6 9.6
3	11	8	8	35	44	9	11	47	30	33
	12	8	18	19	14	9	18	29	16	16
	13	14	15	19	36	9	18	23	17	13
	14	11	12	22	17	10	13	8	23	6
	15	16	17	15	19	12	20	16	23	8
	Mean ±S.D.	11.4 3.6	14.0* 4.1	22.0 7.7	26.0 13.2	9.8 1.3	16.0 3.8	24.6 14.8	21.8 5.6#	15.2 10.7

Note) CM-TGL(%) : Chylomicron-Triglycerides ratio

\* P&lt;0.05 , \*\* P&lt;0.01 : Significantly different from group 1.

# P&lt;0.05 : Significantly different from group 2.



Table 4-35 Blood chemistry in male microminipigs

Study No. SBL703-030

Group	Animal No.	HDL-TGL (mg/dL)								
		Pre	2w	4w	8w	12w	16w	20w	24w	30w
1	1	5	8	5	5	8	7	11	11	9
	2	7	4	4	11	10	15	13	6	9
	3	7	9	6	6	13	10	10	9	5
	4	2	14	8	8	11	9	9	13	6
	5	5	8	4	8	3	7	4	6	2
	Mean ±S.D.	5.2 2.0	8.6 3.6	5.4 1.7	7.6 2.3	9.0 3.8	9.6 3.3	9.4 3.4	9.0 3.1	6.2 2.9
2	6	8	8	10	6	5	7	8	7	6
	7	7	9	3	7	5	5	2	6	6
	8	3	5	4	4	3	4	7	3	9
	9	3	4	5	4	9	10	4	4	5
	10	3	12	4	7	7	17	4	2	8
	Mean ±S.D.	4.8 2.5	7.6 3.2	5.2 2.8	5.6 1.5	5.8 2.3	8.6 5.2	5.0* 2.4	4.4* 2.1	6.8 1.6
3	11	21	10	7	8	6	16	6	5	11
	12	5	6	7	8	7	6	6	3	5
	13	4	11	5	4	6	7	5	8	6
	14	3	15	7	5	4	3	3	6	3
	15	3	1	5	5	3	8	9	3	2
	Mean ±S.D.	7.2 7.8	8.6 5.3	6.2 1.1	6.0 1.9	5.2* 1.6	8.0 4.8	5.8* 2.2	5.0* 2.1	5.4 3.5

Note) HDL-TGL : High density lipoprotein-Triglycerides

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

Table 4-36 Blood chemistry in male microminipigs

Study No. SBL703-030

Group	Animal No.	LDL-TGL (mg/dL)								
		Pre	2w	4w	8w	12w	16w	20w	24w	30w
1	1	10	20	23	12	12	23	32	35	25
	2	9	11	23	13	18	35	30	32	21
	3	6	29	28	6	36	30	25	29	13
	4	10	20	6	11	10	10	8	13	16
	5	5	15	11	19	10	22	14	28	10
	Mean ±S.D.	8.0 2.3	19.0 6.7	18.2 9.3	12.2 4.7	17.2 11.0	24.0 9.5	21.8 10.4	27.4 8.5	17.0 6.0
2	6	7	14	26	16	11	28	12	18	11
	7	11	17	12	18	9	17	9	13	8
	8	10	30	23	11	7	10	16	25	26
	9	12	12	21	15	8	14	8	9	9
	10	8	17	14	12	11	27	10	13	31
	Mean ±S.D.	9.6 2.1	18.0 7.0	19.2 6.0	14.4 2.9	9.2 1.8	19.2 8.0	11.0* 3.2	15.6* 6.1	17.0 10.7
3	11	11	33	25	21	15	25	9	28	17
	12	9	23	24	20	14	31	24	16	12
	13	7	10	17	18	11	22	16	16	8
	14	5	9	17	15	7	5	7	15	4
	15	6	4	10	11	5	14	11	14	6
	Mean ±S.D.	7.6 2.4	15.8 11.9	18.6 6.1	17.0 4.1	10.4 4.3	19.4 10.1	13.4 6.8	17.8* 5.8	9.4* 5.2

Note) LDL-TGL : Low density lipoprotein-Triglycerides

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

Table 4-37 Blood chemistry in male microminipigs

Study No. SBL703-030

Group	Animal No.	VLDL-TGL (mg/dL)								
		Pre	2w	4w	8w	12w	16w	20w	24w	30w
1	1	11	11	8	10	15	8	30	20	13
	2	15	7	14	27	37	38	43	23	20
	3	27	14	9	9	60	14	16	36	15
	4	18	15	3	11	13	6	10	19	16
	5	9	10	4	17	7	12	10	20	13
	Mean ±S.D.	16.0 7.1	11.4 3.2	7.6 4.4	14.8 7.5	26.4 21.9	15.6 12.9	21.8 14.4	23.6 7.1	15.4 2.9
2	6	9	10	11	16	9	12	11	13	17
	7	18	17	9	17	6	6	6	14	12
	8	13	18	10	15	20	7	11	14	14
	9	16	6	7	13	8	12	9	8	9
	10	17	19	5	13	7	23	9	18	27
	Mean ±S.D.	14.6 3.6	14.0 5.7	8.4 2.4	14.8 1.8	10.0 5.7	12.0 6.7	9.2 2.0	13.4* 3.6	15.8 6.9
3	11	21	12	13	22	6	17	13	12	14
	12	27	7	15	15	23	16	24	12	12
	13	13	2	12	20	13	15	12	16	11
	14	6	5	12	15	7	2	6	10	4
	15	10	3	5	10	3	8	12	6	5
	Mean ±S.D.	15.4 8.5	5.8* 4.0#	11.4 3.8	16.4 4.7	10.4 7.9	11.6 6.4	13.4 6.5	11.2** 3.6	9.2* 4.4

Note) VLDL-TGL : Very low density lipoprotein-Triglycerides

\* P&lt;0.05 , \*\* P&lt;0.01 : Significantly different from group 1.

# P&lt;0.05 : Significantly different from group 2.

Table 4-38 Blood chemistry in male microminipigs

Study No. SBL703-030

Group	Animal No.	CM-TGL (mg/dL)								
		Pre	2w	4w	8w	12w	16w	20w	24w	30w
1	1	1	0	10	16	3	11	34	20	16
	2	4	3	20	16	7	18	26	16	16
	3	4	6	20	2	19	10	19	14	5
	4	6	8	2	8	4	3	11	19	16
	5	3	2	4	8	2	10	7	26	10
	Mean ±S.D.	3.6 1.8	3.8 3.2	11.2 8.6	10.0 6.0	7.0 7.0	10.4 5.3	19.4 11.0	19.0 4.6	12.6 5.0
2	6	3	4	9	8	3	10	12	7	20
	7	4	3	3	7	2	4	4	2	3
	8	2	18	18	4	2	3	12	10	17
	9	5	1	18	10	3	8	6	3	6
	10	4	23	7	14	3	21	16	6	27
	Mean ±S.D.	3.6 1.1	9.8 10.0	11.0 6.7	8.6 3.7	2.6 0.5	9.2 7.2	10.0 4.9	5.6** 3.2	14.6 10.0
3	11	5	5	24	40	3	7	25	20	21
	12	4	8	11	7	4	12	22	6	5
	13	4	4	8	23	3	10	10	8	4
	14	2	4	10	7	2	2	1	9	1
	15	4	2	3	6	1	7	6	7	1
	Mean ±S.D.	3.8 1.1	4.6 2.2	11.2 7.8	16.6 14.9	2.6 1.1	7.6 3.8	12.8 10.3	10.0* 5.7	6.4 8.4

Note) CM-TGL : Chylomicron-Triglycerides

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

Table 5-1 Necropsy in male microminipigs

Study No. SBL703-030

Findings	Group Animal No.	1					2					3				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Aorta																
White striation, abdominal aorta		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Heart																
White striation, right coronary artery		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
White striation, left coronary artery		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Adhesion, epicardium and pericardium		-	-	P	P	-	-	-	-	-	-	-	-	-	-	-
Lung																
Adhesion, interlobar/thoracic wall		-	-	P	P	-	-	-	-	-	-	-	-	-	-	-
Red discoloration		-	-	-	-	-	-	-	-	-	-	-	-	P	-	-
Submandibular gland																
Small size, right		-	-	-	-	-	-	-	-	-	-	P	-	-	-	-
Hard, right		-	-	-	-	-	-	-	-	-	-	P	-	-	-	-

Notes) - : No abnormal changes P : Non-graded changes



Table 6-2

Organ weight in male microminipigs

Study No. SBL703-030

Group	Animal No.	Subm.R&L g	Spleen g	Brain g	Heart g	Lung g	Liver g	Kidn.R g	Kidn.L g	Kidn.R&L g	Epid.R g	Epid.L g	Epid.R&L g
1	1	27.4	29.8	63.4	75.2	68.9	228.2	21.7	22.5	44.2	9.1	9.3	18.4
	2	30.9	42.2	71.0	77.7	79.7	237.6	32.0	30.9	62.9	5.9	5.9	11.8
	3	43.1	70.5	68.5	110.0	96.0	513.0	54.4	55.7	110.1	11.2	10.1	21.3
	4	52.5	175.4	77.3	136.0	131.3	528.5	72.5	68.1	140.6	14.1	14.0	28.1
	5	37.9	82.5	73.1	107.3	119.7	315.8	48.1	50.9	99.0	9.8	8.2	18.0
	Mean	38.36	80.08	70.66	101.24	99.12	364.62	45.74	45.62	91.36	10.02	9.50	19.52
	±S.D.	9.98	57.33	5.18	25.27	26.26	146.63	19.77	18.61	38.30	3.00	2.97	5.91
2	6	76.0	96.2	68.6	100.6	82.8	572.2	61.5	64.1	125.6	13.3	14.7	28.0
	7	54.6	102.9	62.1	83.2	80.0	291.3	39.5	38.6	78.1	11.3	12.3	23.6
	8	40.8	168.5	64.5	97.3	99.6	437.4	47.5	49.2	96.7	8.6	9.7	18.3
	9	57.5	54.9	71.5	114.0	122.4	569.5	46.7	46.3	93.0	14.5	15.4	29.9
	10	40.8	265.1	75.2	101.2	112.6	375.8	44.8	43.4	88.2	11.7	11.2	22.9
	Mean	53.94*	137.52	68.38	99.26	99.48	449.24	48.00	48.32	96.32	11.88	12.66	24.54
	±S.D.	14.54	82.11	5.26	11.01	18.41	122.54	8.17	9.65	17.79	2.24	2.38	4.56
3	11	26.3	100.1	65.8	93.6	123.4	479.7	67.1	62.6	129.7	11.1	12.7	23.8
	12	47.2	51.0	68.5	91.0	77.1	337.4	38.4	39.8	78.2	8.6	8.6	17.2
	13	47.1	65.2	75.6	103.6	120.1	404.7	55.5	57.7	113.2	7.6	8.5	16.1
	14	61.3	42.8	60.7	92.0	89.3	308.5	37.9	38.2	76.1	11.7	11.8	23.5
	15	69.2	144.1	67.7	102.9	95.8	475.7	53.9	56.3	110.2	12.6	12.5	25.1
	Mean	50.22	80.64	67.66	96.62	101.14	401.20	50.56	50.92	101.48	10.32	10.82	21.14
	±S.D.	16.39	41.70	5.38	6.13	20.01	78.08	12.42	11.14	23.43	2.13	2.10	4.16

Notes)

Subm.R&amp;L : Submandibular gland (Right&amp;Left)

Kidn.L : Kidney (Left)

Epid.L : Epididymis (Left)

Kidn.R&amp;L : Kidney (Right&amp;Left)

Epid.R&amp;L : Epididymis (Right&amp;Left)

Kidn.R : Kidney (Right)

Epid.R : Epididymis (Right)

\* P&lt;0.05 : Significantly different from group 1.

Not significantly different from group 2.

Table 6-3 Organ weight in male microminipigs

Study No. SBL703-030

Group	Animal No.	Sem.V. g	Prost. g	Omentum g	Mes.adip. g
1	1	60.6	6.5	19.8	35.8
	2	52.0	7.5	25.1	45.4
	3	228.5	8.7	47.2	164.3
	4	173.0	5.4	93.5	238.6
	5	63.5	9.0	62.8	241.0
	Mean	115.52	7.42	49.68	145.02
	±S.D.	80.35	1.51	29.98	100.24
2	6	72.9	13.2	47.2	87.6
	7	120.1	14.4	53.5	130.7
	8	96.4	13.6	71.2	243.7
	9	137.3	10.8	50.9	177.6
	10	71.7	9.8	74.1	224.7
	Mean	99.68	12.36**	59.38	172.86
	±S.D.	28.91	1.96	12.36	64.76
3	11	158.2	10.9	60.8	122.0
	12	129.0	9.4	33.2	68.3
	13	94.3	10.4	57.9	124.2
	14	123.0	11.9	28.9	52.6
	15	245.2	10.4	24.1	107.7
	Mean	149.94	10.60**	40.98	94.96
	±S.D.	57.89	0.91	17.11#	32.61#

Notes) Sem.V. : Seminal vesicle Prost. : Prostate  
 Mes.adip. : Mesenteric adipose tissue (including mesenteric lymph node)

Omentum : Omentum

\*\* P<0.01 : Significantly different from group 1.  
 # P<0.05 : Significantly different from group 2.





Table 6-5

Relative organ weight in male microminipigs

Study No. SBL703-030

Group	Animal No.	Subm. R&L g/kg	Spleen g/kg	Brain g/kg	Heart g/kg	Lung g/kg	Liver g/kg	Kidn. R g/kg	Kidn. L g/kg	Kidn. R&L g/kg	Epid. R g/kg	Epid. L g/kg	Epid. R&L g/kg
1	1	2.04	2.22	4.73	5.61	5.14	17.03	1.62	1.68	3.30	0.68	0.69	1.37
	2	1.80	2.45	4.13	4.52	4.63	13.81	1.86	1.80	3.66	0.34	0.34	0.69
	3	1.61	2.64	2.57	4.12	3.60	19.21	2.04	2.09	4.12	0.42	0.38	0.80
	4	1.45	4.83	2.13	3.75	3.62	14.56	2.00	1.88	3.87	0.39	0.39	0.77
	5	1.52	3.31	2.94	4.31	4.81	12.68	1.93	2.04	3.98	0.39	0.33	0.72
	Mean ±S.D.	1.684 0.238	3.090 1.054	3.300 1.091	4.462 0.701	4.360 0.709	15.458 2.636	1.890 0.166	1.898 0.169	3.786 0.319	0.444 0.135	0.426 0.150	0.870 0.283
2	6	3.19	4.04	2.88	4.23	3.48	24.04	2.58	2.69	5.28	0.56	0.62	1.18
	7	3.02	5.69	3.43	4.60	4.42	16.09	2.18	2.13	4.31	0.62	0.68	1.30
	8	1.49	6.17	2.36	3.56	3.65	16.02	1.74	1.80	3.54	0.32	0.36	0.67
	9	2.02	1.93	2.52	4.01	4.31	20.05	1.64	1.63	3.27	0.51	0.54	1.05
	10	1.33	8.66	2.46	3.31	3.68	12.28	1.46	1.42	2.88	0.38	0.37	0.75
	Mean ±S.D.	2.210 0.858	5.298 2.507	2.730 0.438	3.942 0.516	3.908 0.426	17.696 4.486	1.920 0.454	1.934 0.496	3.856 0.953	0.478 0.125	0.514 0.145	0.990 0.272
3	11	1.23	4.68	3.07	4.37	5.77	22.42	3.14	2.93	6.06	0.52	0.59	1.11
	12	2.52	2.73	3.66	4.87	4.12	18.04	2.05	2.13	4.18	0.46	0.46	0.92
	13	1.83	2.54	2.94	4.03	4.67	15.75	2.16	2.25	4.40	0.30	0.33	0.63
	14	3.35	2.34	3.32	5.03	4.88	16.86	2.07	2.09	4.16	0.64	0.64	1.28
	15	2.90	6.03	2.83	4.31	4.01	19.90	2.26	2.36	4.61	0.53	0.52	1.05
	Mean ±S.D.	2.366 0.845	3.664 1.622	3.164 0.332	4.522 0.415#	4.690 0.705#	18.594* 2.634	2.336* 0.457	2.352* 0.340	4.682* 0.792	0.490 0.124	0.508 0.121	0.998 0.243

Notes)

Subm. R&amp;L : Submandibular gland (Right&amp;Left)

Kidn. L : Kidney (Left)

Epid. L : Epididymis (Left)

Kidn. R&amp;L : Kidney (Right&amp;Left)

Epid. R&amp;L : Epididymis (Right&amp;Left)

Kidn. R : Kidney (Right)

Epid. R : Epididymis (Right)

\* P&lt;0.05 : Significantly different from group 1.

# P&lt;0.05 : Significantly different from group 2.

Table 6-6 Relative organ weight in male microminipigs

Study No. SBL703-030

Group	Animal No.	Sem.V. g/kg	Prost. g/kg	Omentum g/kg	Mes.adip. g/kg
1	1	4.52	0.49	1.5	2.7
	2	3.02	0.44	1.5	2.6
	3	8.56	0.33	1.8	6.2
	4	4.77	0.15	2.6	6.6
	5	2.55	0.36	2.5	9.7
		Mean ±S.D.	4.684 2.365	0.354 0.130	1.98 0.54
2	6	3.06	0.55	2.0	3.7
	7	6.64	0.80	3.0	7.2
	8	3.53	0.50	2.6	8.9
	9	4.83	0.38	1.8	6.3
	10	2.34	0.32	2.4	7.3
		Mean ±S.D.	4.080 1.695	0.510 0.186	2.36 0.48
3	11	7.39	0.51	2.8	5.7
	12	6.90	0.50	1.8	3.7
	13	3.67	0.40	2.3	4.8
	14	6.72	0.65	1.6	2.9
	15	10.26	0.44	1.0	4.5
		Mean ±S.D.	6.988 2.343#	0.500* 0.095	1.90 0.69

Notes) Sem.V. : Seminal vesicle Prost. : Prostate  
 Mes.adip. : Mesenteric adipose tissue (including mesenteric lymph node)

Omentum : Omentum

\* P<0.05 : Significantly different from group 1.  
 # P<0.05 : Significantly different from group 2.

