

Table 1-2 Clinical signs in male microminipigs

Study No. SBL703-030

Group	Animal No.	Sign code	Time	Day of dosing																			
				7	8	9	10	1	2	3	4	5	6	7	8	9							
1	1			0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
	2			0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
	3			0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
	4			0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
	5			0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
2	6			0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
	7			0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
	8			0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
	9			0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
	10			0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
3	11	cG		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
		mP		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
		oU		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
		oV		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
				0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
				0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
				0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9

Notes) - : No abnormal signs + : Non-graded signs 1 : Slight 2 : Moderate 3 : Severe
cG:Lateral position mP:Abnormal eye oU:Hemorrhage
oV:Decreased appetite

Table 1-3 Clinical signs in male microminipigs

Study No. SBL703-030

Group	Animal No.	Sign code	Time	Day of dosing													
				1 4	5	6	7	8	9	2 0	3	4	5	6	7	8	9
1	1			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	2			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	3			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	4			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	5			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2	6			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	7			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	8			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	9			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	10			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
3	11	cG		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
		mP		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
		oU		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
		oV		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
		12		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	13		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
	14		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
	15		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Notes) - : No abnormal signs + : Non-graded signs 1 : Slight 2 : Moderate 3 : Severe
 cG:Lateral position mP:Abnormal eye oU:Hemorrhage
 oV:Decreased appetite

Table 1-4

Clinical signs in male microminipigs

Study No. SBL703-030

Group	Animal No.	Sign code	Time	Day of dosing				No. of days
				1	2	3	4	
1	1			----				
	2			----				
	3			----				
	4			-----				
	5			-----				
2	6			----				
	7			----				
	8			----				
	9			-----				
	10			-----				
3	11	cG		----	1	0	0	0
		mP		----	6	0	0	0
		oU		----	1	0	0	0
		oV		----	1	0	0	0
								(1)
	12			----				(1)
	13			----				
	14			-----				
	15			-----				

Notes) - : No abnormal signs + : Non-graded signs 1 : Slight 2 : Moderate 3 : Severe
 () : Total number of days observed
 cG:Lateral position mP:Abnormal eye oU:Hemorrhage
 oV:Decreased appetite

Table 2-1 Body weight (kg) in male microminipigs

Study No. SBL703-030

Group	Animal No.	Day-1	1w	2w	3w	4w	5w	6w	7w	8w	9w	10w	11w	12w	13w
1	1	6.9	7.0	7.5	7.8	8.0	8.3	8.9	9.4	9.4	9.4	9.8	10.0	10.4	10.4
	2	7.7	7.8	8.2	8.6	9.0	9.4	9.9	10.5	11.0	11.1	11.6	11.8	12.2	12.5
	3	8.2	8.2	8.9	9.9	10.5	11.1	12.1	12.9	13.0	13.6	14.0	14.5	14.9	15.6
	4	8.5	8.5	9.0	9.6	10.3	10.8	11.7	12.5	13.0	13.7	14.6	15.4	16.3	16.9
	5	7.5	7.4	8.4	9.0	9.5	10.0	10.7	11.6	11.9	12.4	12.9	13.6	14.4	14.6
	Mean	7.76	7.78	8.40	8.98	9.46	9.92	10.66	11.38	11.66	12.04	12.58	13.06	13.64	14.00
	±S.D.	0.62	0.60	0.60	0.83	1.02	1.13	1.31	1.44	1.52	1.81	1.93	2.17	2.34	2.58
2	6	7.3	7.4	7.9	8.4	9.1	9.6	10.4	11.1	11.2	11.5	12.4	13.1	13.6	13.7
	7	7.3	7.6	8.0	8.7	8.9	9.5	9.9	10.6	10.8	10.8	11.4	11.7	12.3	12.7
	8	7.9	8.0	8.6	9.3	9.9	10.5	11.0	11.9	12.1	12.6	13.4	14.1	14.9	15.2
	9	7.7	7.7	8.6	9.0	9.8	9.8	10.8	11.6	11.8	12.2	13.3	13.9	14.6	14.9
	10	8.3	8.5	9.1	10.2	10.8	11.7	12.4	13.3	13.9	14.8	15.4	16.4	16.9	17.8
	Mean	7.70	7.84	8.44	9.12	9.70	10.22	10.90	11.70	11.96	12.38	13.18	13.84	14.46	14.86
	±S.D.	0.42	0.43	0.49	0.69	0.75	0.91	0.94	1.02	1.20	1.52	1.48	1.71	1.70	1.92
3	11	7.9	7.7	8.0	8.8	8.9	9.4	10.5	11.5	11.6	12.2	12.1	12.9	13.2	13.5
	12	7.4	7.5	7.8	8.2	8.6	8.8	9.4	9.9	10.1	10.5	10.8	11.0	11.4	11.7
	13	7.9	7.9	8.6	9.5	10.1	10.8	11.6	12.4	12.7	13.2	13.7	14.4	14.9	15.2
	14	7.4	7.4	8.1	8.5	8.9	9.4	9.9	10.7	11.1	11.2	12.0	12.3	12.8	13.2
	15	8.1	8.4	8.9	9.5	9.9	10.3	10.9	11.5	11.8	12.1	12.9	13.2	13.8	14.2
	Mean	7.74	7.78	8.28	8.90	9.28	9.74	10.46	11.20	11.46	11.84	12.30	12.76	13.22	13.56
	±S.D.	0.32	0.40	0.45	0.59	0.67	0.80	0.86	0.94	0.96	1.03	1.08	1.25	1.29	1.29

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

Table 2-2

Body weight (kg) in male microminipigs

Study No. SBL703-030

Group	Animal No.	14w	15w	16w	17w	18w	19w	20w	21w	22w	23w	24w	25w	26w	27w
1	1	10.5	10.7	11.1	11.1	11.3	11.5	11.6	11.8	12.2	12.3	12.4	12.5	12.7	12.9
	2	13.1	13.3	13.8	13.9	14.0	14.3	14.6	14.8	15.2	15.7	15.7	15.9	16.5	16.7
	3	16.0	16.5	17.3	18.4	18.7	19.1	19.8	20.6	21.3	22.4	22.6	23.6	24.3	25.0
	4	18.0	19.0	19.6	20.8	21.3	22.2	23.6	24.5	25.4	27.4	28.1	29.1	30.0	31.2
	5	15.3	15.9	16.4	17.1	17.5	17.8	18.7	19.5	20.2	20.4	20.8	21.4	22.0	22.5
	Mean ±S.D.	14.58 2.88	15.08 3.18	15.64 3.28	16.26 3.81	16.56 3.94	16.98 4.17	17.66 4.66	18.24 4.99	18.86 5.20	19.64 5.87	19.92 6.11	20.50 6.51	21.10 6.74	21.66 7.15
2	6	14.5	14.9	15.6	16.2	16.5	17.5	18.0	18.2	19.0	19.6	20.1	20.3	21.2	22.0
	7	13.3	13.6	14.0	14.5	14.8	14.9	15.1	15.7	16.1	16.7	16.9	16.8	17.1	17.3
	8	15.8	16.5	17.1	17.5	18.2	19.0	19.5	20.2	21.0	21.8	22.3	22.8	23.7	24.2
	9	15.7	16.5	17.1	18.3	18.4	19.2	20.1	20.5	21.8	22.6	22.5	23.5	24.0	24.9
	10	18.5	19.2	20.0	21.2	21.6	22.4	23.4	23.3	24.4	25.2	25.7	26.1	27.3	28.3
	Mean ±S.D.	15.56 1.93	16.14 2.10	16.76 2.22	17.54 2.50	17.90 2.53	18.60 2.73	19.22 3.03	19.58 2.83	20.46 3.11	21.18 3.21	21.50 3.26	21.90 3.52	22.66 3.79	23.34 4.06
3	11	14.1	14.8	15.2	15.9	16.4	16.9	16.5	17.4	18.4	19.4	19.2	19.6	18.9	19.7
	12	11.9	12.4	13.0	13.2	13.6	13.8	14.4	14.7	15.1	15.7	16.2	16.1	16.7	16.9
	13	15.8	16.6	17.0	17.9	18.2	17.1	18.5	20.2	20.6	21.1	21.8	22.3	23.1	23.7
	14	13.7	14.1	14.4	14.8	14.9	15.2	15.6	15.9	16.5	17.0	16.8	16.8	17.0	17.3
	15	14.8	15.4	15.9	16.3	16.9	17.7	17.8	20.2	20.2	20.3	20.7	20.8	21.7	22.2
	Mean ±S.D.	14.06 1.45	14.66 1.56	15.10 1.51	15.62 1.75	16.00 1.79	16.14 1.60	16.56 1.65	17.68 2.49	18.16 2.36	18.70 2.27	18.94 2.42	19.12 2.63	19.48 2.84	19.96 2.98

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

Table 2-3 Body weight (kg) in male microminipigs

Study No. SBL703-030

Group	Animal No.	28w	29w	30w	31w
1	1	13.2	13.5	13.5	13.5
	2	16.6	16.7	17.1	17.1
	3	25.4	26.1	26.4	26.6
	4	32.5	34.0	35.0	36.3
	5	23.1	24.0	24.7	25.1
	Mean ±S.D.	22.16 7.57	22.86 8.08	23.34 8.41	23.72 8.90
2	6	22.4	22.9	23.8	24.1
	7	17.4	17.8	18.3	18.6
	8	25.1	26.1	26.7	27.3
	9	25.4	26.6	27.0	28.0
	10	29.0	29.5	29.6	30.3
	Mean ±S.D.	23.86 4.31	24.58 4.45	25.08 4.31	25.66 4.53
3	11	19.9	20.4	21.0	21.4
	12	17.2	17.8	18.4	18.6
	13	24.0	24.7	25.4	26.1
	14	17.4	17.8	18.4	18.0
	15	22.4	23.1	23.5	23.9
	Mean ±S.D.	20.18 3.01	20.76 3.11	21.34 3.10	21.60 3.45

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

Table 3-1 Hematology in male microminipigs

Study No. SBL703-030

Group	Animal No.	RBC (10 ⁶ /μL)								
		Pre	2w	4w	8w	12w	16w	20w	24w	30w
1	1	7.51	7.16	7.47	7.55	7.60	7.82	8.01	7.22	7.61
	2	8.49	7.95	8.07	8.59	9.53	9.21	9.05	8.78	8.46
	3	8.71	8.21	7.80	7.31	9.27	8.80	9.26	9.09	8.99
	4	8.25	7.96	7.05	8.64	9.17	8.10	9.06	8.39	8.18
	5	6.78	6.31	6.75	6.46	7.67	7.56	8.05	7.39	7.87
	Mean ±S.D.	7.948 0.794	7.518 0.782	7.428 0.537	7.710 0.920	8.648 0.934	8.298 0.688	8.686 0.605	8.174 0.833	8.222 0.535
2	6	7.46	6.62	7.82	8.27	8.75	8.82	8.84	8.66	8.91
	7	7.31	7.60	7.26	7.67	8.10	7.66	8.10	7.93	8.24
	8	7.43	8.13	7.91	8.34	8.71	8.81	8.13	8.19	8.43
	9	7.66	7.64	6.87	8.09	7.93	7.73	7.73	8.22	8.29
	10	8.03	8.73	8.02	9.91	9.71	10.20	9.48	9.93	10.59
	Mean ±S.D.	7.578 0.282	7.744 0.777	7.576 0.492	8.456 0.854	8.640 0.700	8.644 1.035	8.456 0.699	8.586 0.796	8.892 0.985
3	11	8.25	7.76	7.14	7.84	8.22	7.42	7.19	7.94	8.19
	12	7.71	6.73	7.66	8.33	8.85	8.14	8.01	8.47	8.21
	13	7.07	6.88	7.32	8.46	8.56	8.54	8.62	8.73	8.55
	14	7.53	6.94	7.79	8.09	8.76	8.36	8.59	8.64	7.72
	15	7.48	7.49	7.18	8.45	8.38	8.06	8.18	8.74	8.92
	Mean ±S.D.	7.608 0.429	7.160 0.442	7.418 0.292	8.234 0.266	8.554 0.261	8.104 0.426	8.118 0.581	8.504 0.333	8.318 0.448

Note) RBC : Erythrocyte count

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

Table 3-2 Hematology in male microminipigs

Study No. SBL703-030

Group	Animal No.	Hb (g/dL)								
		Pre	2w	4w	8w	12w	16w	20w	24w	30w
1	1	13.8	13.3	14.3	14.9	15.2	15.2	16.7	15.2	16.2
	2	17.3	16.0	16.8	17.8	19.5	19.1	19.1	19.2	19.1
	3	16.0	14.7	14.2	13.7	17.3	15.7	17.4	17.4	17.8
	4	13.8	12.9	11.4	14.2	15.7	13.1	15.8	15.2	15.7
	5	12.9	12.1	13.2	12.9	15.6	14.9	16.6	15.9	16.9
	Mean ±S.D.	14.76 1.82	13.80 1.55	13.98 1.96	14.70 1.88	16.66 1.78	15.60 2.19	17.12 1.24	16.58 1.72	17.14 1.35
2	6	13.7	12.3	15.1	16.4	17.6	17.2	17.8	18.3	19.2
	7	14.2	14.8	14.4	15.4	16.4	15.1	17.1	17.0	18.1
	8	14.3	16.1	16.1	16.9	18.0	18.1	17.5	18.0	18.8
	9	13.5	14.3	13.4	16.3	16.2	15.3	15.7	17.4	17.5
	10	13.5	14.4	13.6	16.8	16.6	17.2	16.5	17.7	19.4
	Mean ±S.D.	13.84 0.38	14.38 1.37	14.52 1.11	16.36 0.59	16.96 0.79	16.58 1.31	16.92 0.84	17.68 0.51	18.60* 0.79
3	11	14.8	14.8	13.7	15.9	16.8	14.6	14.8	16.6	16.6
	12	15.9	14.2	16.2	17.6	18.7	17.0	17.9	19.4	19.0
	13	13.6	13.5	14.7	16.8	16.4	16.1	16.6	17.8	17.9
	14	13.9	13.1	15.5	15.7	16.8	15.8	16.8	18.0	16.4
	15	14.0	14.3	14.0	16.3	15.7	15.2	16.1	17.9	18.1
	Mean ±S.D.	14.44 0.93	13.98 0.68	14.82 1.04	16.46* 0.76	16.88 1.11	15.74 0.91	16.44 1.13	17.94 0.99	17.60 1.09

Note) Hb : Hemoglobin concentration

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

Table 3-3 Hematology in male microminipigs

Study No. SBL703-030

Group	Animal No.	Ht (%)								
		Pre	2w	4w	8w	12w	16w	20w	24w	30w
1	1	41.0	38.6	41.5	43.2	44.8	45.2	48.1	43.4	47.0
	2	52.8	47.0	48.6	53.2	58.4	56.5	56.4	54.8	53.5
	3	49.9	43.7	42.3	40.9	50.8	47.5	51.6	52.5	53.6
	4	43.2	39.2	34.9	43.5	46.6	40.2	48.0	45.4	45.7
	5	38.0	35.8	39.0	36.8	45.6	46.0	50.1	46.0	50.7
	Mean ±S.D.	44.98 6.19	40.86 4.45	41.26 5.01	43.52 6.04	49.24 5.62	47.08 5.94	50.84 3.45	48.42 4.94	50.10 3.64
2	6	40.8	35.9	44.2	47.4	51.6	52.2	51.4	51.4	56.4
	7	42.7	43.7	42.5	45.8	48.7	44.7	50.6	48.5	53.6
	8	41.9	48.2	47.7	50.2	52.1	54.8	51.4	51.1	55.7
	9	42.5	42.8	38.3	47.2	47.6	46.3	46.9	51.3	53.2
	10	41.5	43.0	40.3	50.9	49.0	52.9	50.0	52.1	59.0
	Mean ±S.D.	41.88 0.77	42.72 4.40	42.60 3.62	48.30 2.16	49.80 1.95	50.18 4.41	50.06 1.86	50.88 1.38	55.58* 2.34
3	11	45.6	43.0	40.4	45.7	48.8	43.1	42.2	47.6	48.1
	12	47.2	39.8	45.8	51.8	56.2	49.9	50.8	56.6	54.6
	13	39.7	40.3	43.1	50.2	50.0	48.6	50.4	51.9	53.4
	14	40.5	37.7	44.4	45.0	49.8	47.9	49.0	50.6	45.9
	15	41.4	42.6	40.6	47.4	47.2	44.7	47.8	52.4	53.5
	Mean ±S.D.	42.88 3.32	40.68 2.17	42.86 2.36	48.02 2.91	50.40 3.43	46.84 2.84	48.04 3.47	51.82 3.26	51.10 3.85#

Note) Ht : Hematocrit value

* P<0.05 : Significantly different from group 1.

P<0.05 : Significantly different from group 2.

Table 3-4 Hematology in male microminipigs

Study No. SBL703-030

Group	Animal No.	MCV (fL)								
		Pre	2w	4w	8w	12w	16w	20w	24w	30w
1	1	54.6	53.9	55.6	57.2	59.0	57.7	60.0	60.2	61.7
	2	62.2	59.1	60.2	62.0	61.3	61.3	62.3	62.4	63.2
	3	57.3	53.2	54.2	55.9	54.8	54.0	55.8	57.7	59.6
	4	52.4	49.3	49.5	50.3	50.9	49.6	53.0	54.1	55.8
	5	56.1	56.8	57.8	57.0	59.4	60.8	62.3	62.3	64.4
	Mean ±S.D.	56.52 3.66	54.46 3.73	55.46 4.03	56.48 4.18	57.08 4.19	56.68 4.92	58.68 4.14	59.34 3.50	60.94 3.39
2	6	54.7	54.2	56.5	57.3	58.9	59.2	58.1	59.4	63.3
	7	58.5	57.5	58.5	59.7	60.1	58.4	62.6	61.2	65.1
	8	56.4	59.3	60.3	60.2	59.8	62.2	63.3	62.4	66.0
	9	55.4	56.1	55.8	58.4	60.0	59.9	60.7	62.4	64.2
	10	51.6	49.3	50.2	51.3	50.5	51.9	52.8	52.5	55.7
	Mean ±S.D.	55.32 2.53	55.28 3.83	56.26 3.82	57.38 3.58	57.86 4.14	58.32 3.86	59.50 4.25	59.58 4.14	62.86 4.13
3	11	55.3	55.4	56.6	58.3	59.3	58.2	58.7	60.0	58.7
	12	61.2	59.1	59.8	62.2	63.5	61.3	63.4	66.8	66.5
	13	56.2	58.6	58.9	59.3	58.3	56.8	58.5	59.5	62.4
	14	53.7	54.4	57.0	55.7	56.9	57.3	57.1	58.6	59.4
	15	55.4	56.9	56.6	56.0	56.4	55.4	58.4	59.9	59.9
	Mean ±S.D.	56.36 2.85	56.88 2.01	57.78 1.48	58.30 2.66	58.88 2.83	57.80 2.20	59.22 2.42	60.96 3.31	61.38 3.18

Note) MCV : Mean corpuscular volume

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

Table 3-5 Hematology in male microminipigs

Study No. SBL703-030

Group	Animal No.	MCH (pg)								
		Pre	2w	4w	8w	12w	16w	20w	24w	30w
1	1	18.4	18.6	19.1	19.7	19.9	19.5	20.8	21.1	21.3
	2	20.3	20.2	20.8	20.7	20.4	20.7	21.2	21.9	22.6
	3	18.3	18.0	18.3	18.7	18.6	17.9	18.8	19.1	19.8
	4	16.8	16.3	16.1	16.5	17.1	16.2	17.4	18.1	19.2
	5	19.0	19.2	19.5	20.0	20.3	19.8	20.6	21.5	21.5
	Mean ±S.D.	18.56 1.27	18.46 1.46	18.76 1.74	19.12 1.63	19.26 1.40	18.82 1.78	19.76 1.61	20.34 1.65	20.88 1.37
2	6	18.3	18.6	19.4	19.8	20.1	19.5	20.1	21.2	21.5
	7	19.5	19.4	19.8	20.1	20.2	19.8	21.2	21.5	22.0
	8	19.3	19.8	20.3	20.3	20.7	20.5	21.5	22.0	22.3
	9	17.6	18.7	19.5	20.2	20.4	19.8	20.4	21.2	21.1
	10	16.8	16.5	17.0	17.0	17.1	16.9	17.5	17.8	18.3
	Mean ±S.D.	18.30 1.14	18.60 1.27	19.20 1.28	19.48 1.40	19.70 1.47	19.30 1.39	20.14 1.58	20.74 1.68	21.04 1.60
3	11	17.9	19.0	19.2	20.2	20.4	19.7	20.6	20.9	20.2
	12	20.6	21.1	21.1	21.1	21.2	20.9	22.3	22.9	23.1
	13	19.2	19.7	20.1	19.8	19.2	18.9	19.3	20.4	21.0
	14	18.4	18.8	19.8	19.4	19.2	19.0	19.5	20.9	21.2
	15	18.8	19.1	19.5	19.3	18.7	18.8	19.6	20.5	20.3
	Mean ±S.D.	18.98 1.03	19.54 0.93	19.94 0.73	19.96 0.73	19.74 1.03	19.46 0.88	20.26 1.25	21.12 1.02	21.16 1.17

Note) MCH : Mean corpuscular hemoglobin

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

Table 3-6 Hematology in male microminipigs

Study No. SBL703-030

Group	Animal No.	MCHC (g/dL)								
		Pre	2w	4w	8w	12w	16w	20w	24w	30w
1	1	33.7	34.5	34.3	34.5	33.8	33.7	34.6	35.0	34.5
	2	32.7	34.1	34.5	33.4	33.4	33.8	34.0	35.1	35.7
	3	32.0	33.8	33.7	33.5	34.0	33.2	33.7	33.2	33.1
	4	32.0	33.0	32.6	32.7	33.7	32.7	32.8	33.4	34.3
	5	33.9	33.8	33.8	35.2	34.2	32.5	33.0	34.5	33.4
	Mean ±S.D.	32.86 0.91	33.84 0.55	33.78 0.74	33.86 0.99	33.82 0.30	33.18 0.58	33.62 0.74	34.24 0.89	34.20 1.02
2	6	33.5	34.4	34.3	34.5	34.1	33.0	34.6	35.6	34.0
	7	33.3	33.8	33.9	33.6	33.7	33.8	33.8	35.1	33.8
	8	34.3	33.4	33.7	33.7	34.6	33.0	34.0	35.2	33.8
	9	31.8	33.4	35.0	34.5	33.9	33.0	33.6	34.0	32.8
	10	32.6	33.6	33.8	33.0	34.0	32.6	33.1	33.9	32.8
	Mean ±S.D.	33.10 0.95	33.72 0.41	34.14 0.53	33.86 0.64	34.06 0.34	33.08 0.44	33.82 0.55	34.76 0.76	33.44 0.59
3	11	32.4	34.3	33.9	34.7	34.4	33.9	35.2	34.9	34.5
	12	33.7	35.6	35.3	33.9	33.4	34.1	35.2	34.3	34.7
	13	34.2	33.6	34.1	33.4	32.9	33.3	33.0	34.4	33.6
	14	34.3	34.6	34.8	34.9	33.8	33.1	34.2	35.6	35.7
	15	33.9	33.6	34.5	34.4	33.2	34.0	33.6	34.2	33.9
	Mean ±S.D.	33.70 0.76	34.34 0.83	34.52 0.56	34.26 0.61	33.54 0.58	33.68 0.45#	34.24 0.97	34.68 0.58	34.48 0.81#

Note) MCHC : Mean corpuscular hemoglobin concentration

Not significantly different from group 1.

P<0.05 : Significantly different from group 2.

Table 3-7 Hematology in male microminipigs

Study No. SBL703-030

Group	Animal No.	Plat. ($10^3/\mu\text{L}$)								
		Pre	2w	4w	8w	12w	16w	20w	24w	30w
1	1	337	435	460	364	346	353	221	271	304
	2	306	451	445	425	235	357	404	341	312
	3	247	559	727	684	556	561	564	538	509
	4	309	630	770	656	594	602	536	461	612
	5	395	575	453	564	480	384	454	341	417
	Mean ±S.D.	318.8 53.7	530.0 83.9	571.0 162.8	538.6 140.5	442.2 149.7	451.4 120.2	435.8 136.0	390.4 107.1	430.8 131.7
2	6	483	425	463	353	345	335	301	260	315
	7	554	551	772	653	565	536	532	426	503
	8	466	576	518	532	491	546	436	470	431
	9	318	384	382	312	308	339	370	316	279
	10	449	549	560	527	466	421	453	391	379
	Mean ±S.D.	454.0** 85.9	497.0 86.3	539.0 146.3	475.4 140.6	435.0 106.3	435.4 102.4	418.4 87.4	372.6 84.5	381.4 89.6
3	11	343	310	317	267	292	315	464	214	97
	12	345	389	368	371	379	378	275	330	285
	13	370	369	390	346	398	376	407	379	321
	14	882	601	553	494	505	528	493	481	482
	15	504	448	357	399	399	396	440	384	443
	Mean ±S.D.	488.8 229.6	423.4 110.8	397.0* 91.1	375.4* 82.5	394.6 75.8	398.6 78.5	415.8 84.8	357.6 97.2	325.6 151.8

Note) Plat. : Platelet count

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

Table 3-8 Hematology in male microminipigs

Study No. SBL703-030

Group	Animal No.	WBC (10 ³ /μL)								
		Pre	2w	4w	8w	12w	16w	20w	24w	30w
1	1	9.90	11.57	9.20	9.67	7.55	8.82	8.87	7.13	9.27
	2	17.34	13.02	11.12	11.60	14.81	13.05	13.59	10.61	12.39
	3	15.06	12.19	11.18	12.65	13.11	14.83	14.23	12.72	15.08
	4	11.51	14.00	14.04	13.40	13.18	17.49	14.07	14.62	17.55
	5	13.72	14.16	18.53	14.92	14.93	15.62	16.57	12.05	16.16
	Mean ±S.D.	13.506 2.922	12.988 1.123	12.814 3.632	12.448 1.968	12.716 3.014	13.962 3.287	13.466 2.816	11.426 2.801	14.090 3.292
2	6	10.73	14.60	9.76	14.17	9.90	12.42	8.82	10.59	13.07
	7	10.30	11.38	10.23	12.48	8.84	10.14	8.96	9.20	9.56
	8	13.94	11.14	8.64	9.08	8.96	9.65	9.22	9.30	9.98
	9	6.93	12.21	7.17	6.25	6.99	7.52	7.66	8.06	11.09
	10	13.90	12.05	12.44	12.33	11.87	13.30	13.83	15.14	14.75
	Mean ±S.D.	11.160 2.918	12.276 1.374	9.648 1.956	10.862 3.169	9.312* 1.777	10.606* 2.302	9.698* 2.386	10.458 2.766	11.690 2.185
3	11	10.42	11.93	11.28	10.97	7.39	12.84	12.53	8.59	13.53
	12	13.16	12.92	11.22	11.19	11.50	12.80	10.89	12.46	12.18
	13	14.26	12.19	12.05	10.99	11.33	14.03	13.31	14.65	14.71
	14	15.09	11.26	8.73	8.61	7.77	12.38	9.85	9.72	10.30
	15	10.97	12.03	12.26	11.49	10.78	17.97	10.67	10.06	14.21
	Mean ±S.D.	12.780 2.032	12.066 0.595	11.108 1.406	10.650 1.159	9.754 2.007	14.004 2.301#	11.450 1.424	11.096 2.436	12.986 1.777

Note) WBC : Leukocyte count

* P<0.05 : Significantly different from group 1.

P<0.05 : Significantly different from group 2.

Table 4-1 Blood chemistry in male microminipigs

Study No. SBL703-030

Group	Animal No.	AST (IU/L)								
		Pre	2w	4w	8w	12w	16w	20w	24w	30w
1	1	31	31	35	37	32	28	29	37	32
	2	25	51	19	21	26	42	101	23	19
	3	27	28	26	22	20	21	40	26	22
	4	31	51	27	25	23	20	56	66	21
	5	26	24	23	28	36	45	36	21	28
	Mean ±S.D.	28.0 2.8	37.0 13.0	26.0 5.9	26.6 6.4	27.4 6.5	31.2 11.7	52.4 28.9	34.6 18.6	24.4 5.4
2	6	33	33	30	31	33	30	69	24	49
	7	24	46	28	28	43	25	33	22	38
	8	36	28	28	26	28	91	28	29	24
	9	24	37	28	23	25	32	39	25	26
	10	34	26	21	27	41	30	29	25	93
	Mean ±S.D.	30.2 5.8	34.0 8.0	27.0 3.5	27.0 2.9	34.0 7.9	41.6 27.7	39.6 17.0	25.0 2.5	46.0 28.1
3	11	38	49	32	33	39	35	36	47	52
	12	31	28	26	34	27	26	66	27	28
	13	21	25	23	27	25	22	22	19	43
	14	25	33	29	28	37	29	33	25	38
	15	27	35	32	30	30	42	71	39	60
	Mean ±S.D.	28.4 6.5	34.0 9.3	28.4 3.9	30.4 3.0	31.6 6.1	30.8 7.9	45.6 21.6	31.4 11.3	44.2** 12.4

Note) AST : Aspartate transaminase

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

Table 4-2 Blood chemistry in male microminipigs

Study No. SBL703-030

Group	Animal No.	ALT (IU/L)								
		Pre	2w	4w	8w	12w	16w	20w	24w	30w
1	1	42	36	36	34	36	35	37	34	37
	2	36	39	31	30	26	29	34	26	27
	3	39	25	22	19	23	21	23	21	21
	4	62	47	29	39	33	29	34	33	26
	5	48	32	30	27	26	26	27	21	23
	Mean ±S.D.	45.4 10.3	35.8 8.2	29.6 5.0	29.8 7.5	28.8 5.4	28.0 5.1	31.0 5.8	27.0 6.3	26.8 6.2
2	6	56	47	47	41	38	36	38	32	30
	7	45	48	46	42	41	37	40	41	38
	8	55	43	40	37	35	40	43	36	33
	9	47	46	38	37	32	32	32	30	34
	10	46	41	42	39	35	34	36	33	36
	Mean ±S.D.	49.8 5.3	45.0* 2.9	42.6** 3.8	39.2* 2.3	36.2* 3.4	35.8** 3.0	37.8* 4.1	34.4* 4.3	34.2* 3.0
3	11	54	71	52	53	38	37	30	31	32
	12	55	48	40	36	33	33	33	32	33
	13	46	41	35	37	33	32	27	26	31
	14	56	46	42	41	39	37	37	36	37
	15	63	58	48	48	40	42	44	39	38
	Mean ±S.D.	54.8 6.1	52.8* 11.9	43.4** 6.7	43.0* 7.3	36.6* 3.4	36.2* 4.0	34.2 6.6	32.8 5.0	34.2* 3.1

Note) ALT : Alanine transaminase

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

Table 4-3 Blood chemistry in male microminipigs

Study No. SBL703-030

Group	Animal No.	ALP (IU/L)								
		Pre	2w	4w	8w	12w	16w	20w	24w	30w
1	1	1281	1911	1609	1523	1542	1467	1574	1569	1558
	2	769	784	756	724	653	723	583	547	498
	3	871	873	764	529	760	807	747	696	603
	4	792	607	338	573	474	486	489	462	329
	5	867	886	781	993	937	807	780	765	507
	Mean ±S.D.	916.0 208.9	1012.2 514.6	849.6 463.5	868.4 408.5	873.2 409.9	858.0 364.9	834.6 430.1	807.8 442.0	699.0 490.2
2	6	1025	1309	1432	1064	983	1179	820	783	642
	7	905	1312	978	1150	992	985	803	838	660
	8	628	824	692	610	633	609	569	444	381
	9	942	1168	904	908	835	861	755	765	678
	10	635	629	652	853	720	786	703	655	584
	Mean ±S.D.	827.0 183.7	1048.4 307.4	931.6 311.8	917.0 208.8	832.6 158.6	884.0 213.9	730.0 100.9	697.0 156.3	589.0 121.5
3	11	784	1110	916	899	775	754	714	806	653
	12	512	581	556	574	585	548	501	519	452
	13	632	791	794	911	727	622	526	596	428
	14	717	1154	1102	946	894	867	782	644	583
	15	850	1198	1146	1124	996	1119	952	978	843
	Mean ±S.D.	699.0* 132.1	966.8 268.7	902.8 240.4	890.8 198.9	795.4 157.6	782.0 224.7	695.0 187.2	708.6 183.6	591.8 168.3

Note) ALP : Alkaline phosphatase

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

Table 4-4 Blood chemistry in male microminipigs

Study No. SBL703-030

Group	Animal No.	LDH (IU/L)								
		Pre	2w	4w	8w	12w	16w	20w	24w	30w
1	1	598	540	560	527	522	470	466	465	466
	2	587	642	482	456	451	563	1054	414	396
	3	651	528	548	459	421	451	536	448	425
	4	715	675	454	503	443	446	548	620	415
	5	711	662	641	607	707	630	633	459	521
	Mean ±S.D.	652.4 60.4	609.4 70.0	537.0 73.1	510.4 61.8	508.8 117.1	512.0 81.2	647.4 234.9	481.2 80.1	444.6 49.8
2	6	581	515	519	527	453	486	584	396	496
	7	575	661	590	493	565	430	465	418	422
	8	701	590	534	509	476	796	486	412	372
	9	630	650	601	560	552	617	612	526	493
	10	752	642	617	648	697	644	667	598	1096
	Mean ±S.D.	647.8 77.1	611.6 60.5	572.2 43.1	547.4 61.5	548.6 95.8	594.6 143.5	562.8 85.4	470.0 88.1	575.8 295.4
3	11	611	643	515	531	557	484	598	499	555
	12	484	454	406	434	398	395	702	392	426
	13	435	420	406	439	388	356	337	321	418
	14	521	487	459	450	483	448	437	390	394
	15	548	616	518	498	454	594	734	522	690
	Mean ±S.D.	519.8** 66.3#	524.0 99.6	460.8 55.3###	470.4 42.3#	456.0 68.8	455.4 91.7	561.6 170.8	424.8 83.7	496.6 125.0

Note) LDH : Lactate dehydrogenase

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

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

Table 4-5 Blood chemistry in male microminipigs

Study No. SBL703-030

Group	Animal No.	GGT (IU/L)								
		Pre	2w	4w	8w	12w	16w	20w	24w	30w
1	1	42	40	47	45	43	42	46	44	45
	2	96	97	58	66	102	91	100	75	55
	3	62	57	83	54	69	83	75	80	86
	4	52	68	63	54	48	45	71	59	51
	5	51	48	64	63	91	70	80	58	62
	Mean ±S.D.	60.6 21.0	62.0 22.2	63.0 13.1	56.4 8.3	70.6 25.9	66.2 22.1	74.4 19.4	63.2 14.4	59.8 15.9
2	6	48	42	46	47	60	77	98	89	84
	7	56	76	83	93	75	64	84	64	76
	8	72	74	81	73	72	71	87	75	70
	9	44	45	69	51	49	69	61	55	56
	10	62	71	59	80	94	79	79	91	102
	Mean ±S.D.	56.4 11.2	61.6 16.7	67.6 15.5	68.8 19.5	70.0 16.9	72.0 6.1	81.8 13.6	74.8 15.6	77.6 17.1
3	11	73	54	53	55	158	92	78	176	81
	12	60	52	56	72	62	56	91	65	57
	13	44	44	53	54	53	49	51	51	77
	14	41	39	40	45	61	48	53	42	45
	15	36	34	61	43	42	79	60	54	85
	Mean ±S.D.	50.8 15.3	44.6 8.5#	52.6 7.8#	53.8 11.5	75.2 47.0	64.8 19.7	66.6 17.3	77.6 55.6	69.0 17.2

Note) GGT : Gamma - glutamyltransferase

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

Table 4-6 Blood chemistry in male microminipigs

Study No. SBL703-030

Group	Animal No.	CK (IU/L)								
		Pre	2w	4w	8w	12w	16w	20w	24w	30w
1	1	431	369	593	572	320	259	336	861	255
	2	394	1453	202	299	257	1303	5495	501	223
	3	600	460	337	139	239	227	1081	353	228
	4	889	1534	356	297	234	198	1751	2671	261
	5	596	326	576	652	1390	1677	1377	238	612
	Mean	582.0	828.4	412.8	391.8	488.0	732.8	2008.0	924.8	315.8
±S.D.	195.5	609.7	167.7	213.1	505.4	704.1	2017.3	1003.9	166.4	
2	6	404	249	325	294	381	381	2141	208	1424
	7	285	977	287	306	1155	254	423	283	265
	8	786	278	382	247	559	4054	521	662	347
	9	452	265	346	353	472	612	1101	490	336
	10	924	389	266	541	993	720	1215	299	5442
	Mean	570.2	431.6	321.2	348.2	712.0	1204.2	1080.2	388.4	1562.8
±S.D.	271.4	309.8	46.2	114.2	341.2	1603.7	687.1	184.9	2221.2	
3	11	654	607	463	440	578	680	641	719	890
	12	332	284	201	550	252	390	2959	220	482
	13	275	195	212	281	287	272	238	197	1154
	14	616	266	245	226	421	221	273	242	691
	15	511	399	230	276	239	779	2367	867	1691
	Mean	477.6	350.2	270.2	354.6	355.4	468.4	1295.6	449.0	981.6*
±S.D.	168.5	161.2	109.1	135.7	143.9#	248.6	1275.5	318.8	467.8	

Note) CK : Creatine kinase

* P<0.05 : Significantly different from group 1.

P<0.05 : Significantly different from group 2.