

Group	Animal No.	VLDL-TGL (mg/dL)									
		Pre	2w	4w	8w	12w	16w	20w	24w	28w	32w
1	2	14	3	7	5	6	17	8	9	3	
	3	11	5	24	6	18	25	22	6	4	6
	4	25	2	7	4						
	Mean	16.7	3.3	12.7	5.0	12.0	21.0	15.0	7.5	3.5	
	±S.D.	7.4	1.5	9.8	1.0						

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

Group	Animal No.	CM-TGL (mg/dL)									
		Pre	2w	4w	8w	12w	16w	20w	24w	28w	32w
1	2	5	1	2	3	2	2	1	1	2	
	3	4	0	3	2	2	1	4	0	2	1
	4	2	3	3	2						
	Mean	3.7	1.3	2.7	2.3	2.0	1.5	2.5	0.5	2.0	
	±S.D.	1.5	1.5	0.6	0.6						

Note) CM-TGL : Chylomicron-Triglycerides

## 2. マイクロミニピッグ動脈硬化モデルを用いたスタチンの薬効試験

Table 1-1 Clinical signs in male microminipigs

Study No. SBL703-024

Group	Animal No.	Sign code	Time	Day of dosing																				
				1			2			3			4			5			6					
				0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
1	1			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	6			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	7			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	13			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	14			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	15			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	16			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	17			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	18			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes) - : No abnormal signs + : Non-graded signs 1 : Slight 2 : Moderate 3 : Severe

Table 1-2 Clinical signs in male microminipigs

Study No. SBL703-024

Group	Animal Sign No. code	Day of dosing									No. of days				
		Time	7			8			9			+	1	2	3
1	1														
	2														
	3														
	4														
	5														
	6														
2	7														
	8														
	9														
	10														
	11														
	12														
3	13														
	14														
	15														
	16														
	17														
	18														

Notes) - : No abnormal signs + : Non-graded signs 1 : Slight 2 : Moderate 3 : Severe

Table 2

Body weight ( kg ) in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	-1	0	7	14	21	28	35	42	50	56	63	70	77	84
1	1	8.4	8.5	8.8	9.4	9.8	10.3	10.9	11.2	11.8	12.5	13.3	14.2	15.1	15.5
	2	8.6	8.8	9.0	9.1	9.5	9.7	9.8	10.1	10.2	10.7	11.2	11.8	12.3	13.0
	3	7.6	8.0	7.8	8.0	8.2	8.5	8.4	8.8	9.0	10.6	10.1	10.7	10.6	11.5
	4	7.2	7.3	7.6	8.1	8.5	8.8	9.6	9.9	10.5	10.9	11.8	12.8	13.4	14.0
	5	8.1	8.1	8.4	9.0	9.9	10.4	10.6	11.8	11.7	13.3	12.6	13.5	14.1	15.5
	6	8.9	8.8	9.6	10.4	10.9	11.5	11.9	12.5	13.4	14.1	15.2	16.3	17.3	17.8
	Mean ±S.D.	8.13 0.64	8.25 0.58	8.53 0.76	9.00 0.89	9.47 0.99	9.87 1.11	10.20 1.21	10.72 1.36	11.10 1.53	12.02 1.50	12.37 1.78	13.22 1.95	13.80 2.31	14.55 2.21
2	7	8.2	8.3	9.0	9.7	10.4	11.2	12.3	13.1	14.4	15.1	16.6	18.1	19.5	19.7
	8	8.1	8.4	8.8	9.4	10.1	10.7	11.5	12.5	13.7	14.6	15.8	16.8	17.8	18.9
	9	9.2	9.5	10.2	11.2	11.9	12.6	13.8	14.7	15.8	16.9	18.2	19.9	20.7	21.3
	10	8.6	8.7	9.2	9.7	10.4	11.1	11.9	12.3	13.4	14.1	14.4	15.3	15.5	16.8
	11	7.3	6.9	7.5	7.4	7.6	8.3	8.3	8.4	9.3	9.9	10.3	10.8	11.3	12.4
	12	8.4	8.5	9.1	9.6	10.4	11.2	12.0	12.9	13.9	14.2	15.4	15.5	15.6	15.7
	Mean ±S.D.	8.30 0.63	8.38 0.84	8.97 0.87	9.50 1.22	10.13 1.40	10.85 1.41	11.63 1.82	12.32 2.10	13.42* 2.19	14.13* 2.31	15.12* 2.68	16.07* 3.10	16.73 3.37	17.47* 3.19
3	13	8.9	8.9	9.5	10.0	10.9	11.5	12.3	13.4	14.4	14.9	16.3	17.3	18.3	18.7
	14	7.5	7.5	7.9	8.5	9.1	9.8	10.5	11.1	12.1	12.8	13.8	14.7	15.0	15.4
	15	9.2	9.4	9.9	10.7	11.7	12.1	13.0	14.1	14.5	14.9	16.0	16.8	17.7	18.1
	16	8.2	8.2	8.7	9.4	10.2	10.9	11.7	12.3	13.3	13.8	14.9	15.8	17.1	17.5
	17	8.4	8.5	9.2	9.9	10.7	11.4	12.3	13.2	14.3	15.0	16.1	17.3	18.6	19.1
	18	6.9	7.0	7.4	7.9	8.4	9.0	9.6	10.1	10.8	11.5	12.4	13.3	14.4	14.8
	Mean ±S.D.	8.18 0.86	8.25 0.89	8.77 0.96	9.40 1.04	10.17 1.22	10.78 1.17	11.57* 1.28	12.37* 1.52	13.23* 1.50	13.82* 1.42	14.92* 1.55	15.87* 1.61	16.85* 1.75	17.27* 1.77

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

Table 3-1 Hematology in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	RBC ( $10^6/\mu\text{L}$ )						
		-7	15	28	42	56	75	83
1	1	6.79	7.83	8.36	8.46	8.59	7.98	8.52
	2	8.65	9.56	9.94	10.18	9.03	9.37	10.09
	3	7.87	9.64	9.67	9.31	9.29	9.97	9.74
	4	8.65	9.33	9.22	10.24	9.72	9.13	9.96
	5	7.79	8.68	8.13	8.78	8.09	8.86	8.21
	6	7.51	8.53	7.30	8.27	8.30	7.45	7.18
	Mean	7.877	8.928	8.770	9.207	8.837	8.793	8.950
	±S.D.	0.710	0.706	1.012	0.854	0.621	0.927	1.167
2	7	7.06	8.22	7.02	8.47	8.04	7.26	7.39
	8	7.21	9.58	9.66	8.54	8.13	8.91	7.74
	9	7.87	8.78	8.19	8.61	9.30	9.37	8.93
	10	8.84	9.68	9.37	9.32	9.87	10.16	9.21
	11	8.05	9.25	8.97	9.30	9.45	9.54	9.32
	12	7.24	9.01	9.18	7.82	8.62	8.10	8.67
	Mean	7.712	9.087	8.732	8.677	8.902	8.890	8.543
	±S.D.	0.680	0.543	0.975	0.566	0.750	1.053	0.799
3	13	7.66	7.58	7.72	8.24	7.87	7.12	8.09
	14	7.14	8.54	8.07	8.35	8.79	8.24	8.10
	15	8.70	10.27	8.90	8.81	9.74	8.99	9.49
	16	9.16	9.67	9.93	10.15	10.04	10.80	9.84
	17	7.62	7.88	7.98	7.79	8.66	7.91	8.10
	18	7.61	7.99	7.67	7.80	8.03	8.34	8.52
	Mean	7.982	8.655	8.378	8.523	8.855	8.567	8.690
	±S.D.	0.773	1.082	0.880	0.883	0.881	1.253	0.781

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. SBL703-024

Group	Animal No.\Day	Hb (g/dL)						
		-7	15	28	42	56	75	83
1	1	13.7	16.1	17.2	17.3	18.0	16.8	18.0
	2	15.7	17.3	18.3	18.6	16.8	18.0	19.3
	3	14.3	17.5	18.2	17.3	17.4	18.9	18.5
	4	15.2	16.5	16.6	18.4	18.0	16.9	18.5
	5	15.1	16.4	15.6	17.1	16.4	17.7	16.5
	6	15.8	17.9	15.3	17.8	18.0	16.2	15.6
	Mean ±S.D.	14.97 0.82	16.95 0.71	16.87 1.27	17.75 0.63	17.43 0.70	17.42 0.97	17.73 1.40
2	7	12.9	14.8	13.0	16.2	15.9	14.8	14.7
	8	13.1	17.1	17.3	15.8	15.3	16.4	14.1
	9	13.8	15.7	15.5	16.7	18.1	18.3	17.1
	10	15.8	17.0	17.1	17.3	18.5	18.8	16.9
	11	13.4	14.9	14.4	15.6	16.0	16.3	16.2
	12	14.2	18.2	18.9	16.2	17.8	16.6	17.3
	Mean ±S.D.	13.87* 1.06	16.28 1.36	16.03 2.15	16.30** 0.62	16.93 1.35	16.87 1.46	16.05* 1.34
3	13	14.5	15.1	15.8	16.9	16.2	15.1	16.9
	14	14.0	16.7	16.5	17.1	18.0	17.0	16.5
	15	15.1	18.6	16.2	16.6	18.4	16.8	17.8
	16	14.2	14.7	15.3	16.0	15.8	17.2	15.6
	17	14.2	14.7	15.2	15.2	16.6	15.5	15.8
	18	14.6	15.4	15.1	15.5	16.2	17.0	17.9
	Mean ±S.D.	14.43 0.39	15.87 1.53	15.68* 0.58	16.22** 0.77	16.87 1.07	16.43* 0.90	16.75 0.97

Note) Hb : Hemoglobin concentration

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



Table 3-3 Hematology in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	Ht (%)						
		-7	15	28	42	56	75	83
1	1	40.7	47.6	49.7	51.3	51.1	46.8	54.3
	2	47.7	52.4	53.2	54.3	48.0	51.8	56.8
	3	43.1	50.5	52.2	49.7	49.3	54.2	53.8
	4	44.7	49.1	48.0	54.9	52.9	48.9	55.5
	5	42.8	48.1	44.2	48.8	45.6	50.7	49.3
	6	46.1	52.8	43.9	52.4	52.6	47.1	45.3
	Mean ±S.D.	44.18 2.51	50.08 2.19	48.53 3.93	51.90 2.44	49.92 2.84	49.92 2.87	52.50 4.35
2	7	38.1	44.7	38.5	48.9	46.9	41.9	43.8
	8	38.0	50.8	52.3	46.9	45.0	48.7	42.1
	9	41.8	45.8	45.5	49.8	54.1	54.5	50.6
	10	47.8	51.0	50.0	52.2	56.9	55.9	51.8
	11	38.3	42.5	42.3	45.0	46.3	47.3	47.9
	12	43.5	55.0	54.7	47.4	52.3	47.9	51.7
	Mean ±S.D.	41.25 3.94	48.30 4.72	47.22 6.21	48.37* 2.51	50.25 4.85	49.37 5.13	47.98* 4.18
3	13	45.8	44.1	46.4	50.2	48.0	42.8	50.5
	14	39.3	49.5	46.2	49.6	52.1	48.4	47.5
	15	46.2	56.0	48.2	48.1	53.3	49.3	52.6
	16	43.0	44.7	45.8	48.9	47.6	53.2	47.1
	17	43.2	43.5	44.9	45.6	51.5	46.1	46.8
	18	42.9	46.0	44.0	46.2	48.3	51.2	53.4
	Mean ±S.D.	43.40 2.48	47.30 4.77	45.92 1.43	48.10** 1.85	50.13 2.45	48.50 3.70	49.65 2.92

Note) Ht : Hematocrit value

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

Table 3-4 Hematology in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	MCV (fL)						
		-7	15	28	42	56	75	83
1	1	59.9	60.8	59.5	60.7	59.5	58.6	63.6
	2	55.1	54.8	53.5	53.3	53.2	55.3	56.3
	3	54.8	52.4	54.0	53.4	53.1	54.4	55.2
	4	51.7	52.7	52.1	53.6	54.4	53.5	55.7
	5	54.9	55.4	54.3	55.6	56.4	57.3	60.0
	6	61.4	61.9	60.1	63.3	63.5	63.2	63.1
	Mean ±S.D.	56.30 3.63	56.33 4.07	55.58 3.36	56.65 4.31	56.68 4.12	57.05 3.55	58.98 3.78
2	7	54.0	54.4	54.8	57.7	58.3	57.8	59.2
	8	52.7	53.0	54.1	54.9	55.3	54.6	54.3
	9	53.1	52.2	55.5	57.9	58.1	58.1	56.7
	10	54.1	52.7	53.4	56.0	57.6	55.0	56.2
	11	47.6	46.0	47.2	48.3	49.0	49.5	51.4
	12	60.2	61.1	59.6	60.6	60.6	59.1	59.7
	Mean ±S.D.	53.62 4.03	53.23 4.84	54.10 4.02	55.90 4.20	56.48 4.04	55.68 3.52	56.25 3.10
3	13	59.8	58.1	60.2	60.9	61.0	60.1	62.4
	14	55.0	57.9	57.2	59.4	59.3	58.8	58.6
	15	53.1	54.6	54.2	54.6	54.8	54.8	55.4
	16	46.9	46.2	46.1	48.1	47.5	49.2	47.8
	17	56.7	55.2	56.3	58.6	59.5	58.3	57.8
	18	56.3	57.6	57.4	59.3	60.2	61.4	62.7
	Mean ±S.D.	54.63 4.38	54.93 4.53	55.23 4.88	56.82 4.77	57.05 5.15	57.10 4.46	57.45 5.49

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. SBL703-024

Group	Animal No.\Day	MCH (pg)						
		-7	15	28	42	56	75	83
1	1	20.2	20.6	20.6	20.4	21.0	21.0	21.2
	2	18.2	18.1	18.4	18.3	18.6	19.2	19.1
	3	18.1	18.2	18.8	18.6	18.7	18.9	18.9
	4	17.5	17.7	18.0	17.9	18.5	18.5	18.6
	5	19.3	18.9	19.2	19.5	20.3	20.0	20.1
	6	21.0	21.0	21.0	21.6	21.7	21.7	21.7
	Mean ±S.D.	19.05 1.36	19.08 1.39	19.33 1.21	19.38 1.41	19.80 1.39	19.88 1.26	19.93 1.29
2	7	18.3	18.0	18.5	19.1	19.7	20.4	19.9
	8	18.2	17.9	17.9	18.5	18.8	18.4	18.3
	9	17.6	17.9	18.9	19.3	19.5	19.5	19.2
	10	17.9	17.6	18.2	18.6	18.8	18.5	18.4
	11	16.7	16.1	16.1	16.7	16.9	17.1	17.4
	12	19.7	20.1	20.6	20.7	20.6	20.5	20.0
	Mean ±S.D.	18.07 0.99	17.93 1.28	18.37 1.46	18.82 1.30	19.05 1.25	19.07 1.32	18.87 1.02
3	13	18.9	19.9	20.5	20.6	20.6	21.2	20.9
	14	19.6	19.6	20.4	20.5	20.5	20.6	20.3
	15	17.3	18.1	18.2	18.9	18.9	18.7	18.7
	16	15.5	15.2	15.4	15.8	15.7	15.9	15.9
	17	18.6	18.7	19.1	19.5	19.2	19.6	19.6
	18	19.1	19.3	19.6	19.8	20.2	20.4	21.0
	Mean ±S.D.	18.17 1.52	18.47 1.73	18.87 1.90	19.18 1.77	19.18 1.84	19.40 1.92	19.40 1.92

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. SBL703-024

Group	Animal No.\Day	MCHC (g/dL)						
		-7	15	28	42	56	75	83
1	1	33.7	33.8	34.7	33.6	35.3	35.9	33.3
	2	33.0	33.0	34.4	34.3	35.1	34.8	33.9
	3	33.1	34.7	34.8	34.8	35.2	34.8	34.3
	4	33.9	33.6	34.5	33.5	34.0	34.5	33.4
	5	35.2	34.1	35.4	35.1	35.9	34.9	33.5
	6	34.3	33.9	34.9	34.1	34.2	34.4	34.4
	Mean ±S.D.	33.87 0.82	33.85 0.56	34.78 0.35	34.23 0.64	34.95 0.72	34.88 0.53	33.80 0.47
2	7	33.8	33.1	33.7	33.0	33.8	35.3	33.6
	8	34.4	33.7	33.0	33.7	34.0	33.6	33.6
	9	33.1	34.3	34.0	33.4	33.5	33.6	33.9
	10	33.2	33.3	34.1	33.2	32.6	33.6	32.7
	11	35.1	35.1	34.1	34.6	34.5	34.5	33.9
	12	32.7	33.0	34.6	34.1	34.0	34.7	33.5
	Mean ±S.D.	33.72 0.90	33.75 0.81	33.92** 0.53	33.67 0.60	33.73** 0.64	34.22* 0.73	33.53 0.44
3	13	31.6	34.2	34.1	33.8	33.7	35.4	33.5
	14	35.6	33.8	35.7	34.6	34.6	35.1	34.7
	15	32.7	33.2	33.5	34.6	34.5	34.2	33.8
	16	33.0	32.9	33.5	32.7	33.1	32.3	33.1
	17	32.8	33.9	33.9	33.3	32.2	33.7	33.9
	18	33.9	33.5	34.2	33.5	33.6	33.3	33.5
	Mean ±S.D.	33.27 1.36	33.58 0.48	34.15 0.81	33.75 0.75	33.62** 0.90	34.00 1.16	33.75 0.54

Note) MCHC : Mean corpuscular hemoglobin concentration

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

Table 3-7 Hematology in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	Plat. (10 <sup>3</sup> /μL)						
		-7	15	28	42	56	75	83
1	1	558	412	347	336	368	377	339
	2	281	220	224	197	358	201	179
	3	436	155	131	165	225	249	232
	4	511	420	365	317	398	395	304
	5	363	326	328	284	362	356	318
	6	510	452	537	372	436	454	530
	Mean ±S.D.	443.2 104.9	330.8 120.4	322.0 137.7	278.5 81.3	357.8 71.4	338.7 95.1	317.0 120.2
2	7	599	377	506	363	364	446	401
	8	390	341	245	397	457	354	383
	9	394	371	452	425	315	276	308
	10	395	357	374	342	369	309	332
	11	597	433	544	443	527	250	503
	12	291	237	249	302	280	255	199
	Mean ±S.D.	444.3 125.4	352.7 64.7	395.0 128.1	378.7* 53.1	385.3 91.6	315.0 74.9	354.3 101.9
3	13	344	463	554	439	373	346	352
	14	255	217	277	231	205	192	297
	15	519	260	465	384	355	375	351
	16	531	508	512	412	444	386	475
	17	506	514	510	524	430	422	413
	18	524	458	563	445	453	426	382
	Mean ±S.D.	446.5 117.6	403.3 130.4	480.2* 105.6	405.8* 97.7	376.7 92.9	357.8 86.6	378.3 61.0

Note) Plat. : Platelet count

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

Table 3-8

Hematology in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	WBC (10 <sup>3</sup> /μL)						
		-7	15	28	42	56	75	83
1	1	24.31	14.46	11.11	14.42	10.25	13.66	17.32
	2	11.99	7.81	7.68	13.55	11.69	9.22	11.33
	3	16.61	11.69	12.24	10.52	9.19	11.59	15.95
	4	23.55	16.42	16.01	16.54	14.18	15.35	18.32
	5	11.94	11.21	10.19	8.70	7.99	9.19	10.54
	6	15.93	14.69	15.05	13.67	11.56	16.48	15.74
	Mean	17.388	12.713	12.047	12.900	10.810	12.582	14.867
±S.D.	5.430	3.100	3.103	2.824	2.172	3.092	3.197	
2	7	19.20	13.71	15.18	16.71	13.62	14.29	13.41
	8	18.13	11.77	9.26	9.91	7.30	9.52	11.40
	9	11.42	12.27	11.69	12.50	16.56	15.25	12.95
	10	14.49	12.67	9.63	13.34	11.42	14.16	18.52
	11	15.12	11.36	10.56	11.32	10.19	16.22	11.71
	12	18.68	16.05	11.08	20.08	12.88	15.19	15.58
	Mean	16.173	12.972	11.233	13.977	11.995	14.105	13.928
±S.D.	3.027	1.711	2.132	3.766	3.159	2.367	2.696	
3	13	14.76	15.15	11.87	13.03	14.10	22.79	13.77
	14	10.59	9.06	10.09	8.78	10.32	9.86	11.37
	15	14.84	12.90	14.10	13.50	12.55	13.06	14.03
	16	15.67	16.43	10.62	13.45	11.06	11.35	14.38
	17	28.24	16.59	13.14	17.09	14.44	16.01	15.84
	18	18.04	12.45	12.16	21.10	15.88	11.02	13.52
	Mean	17.023	13.763	11.997	14.492	13.058	14.015	13.818
±S.D.	5.999	2.885	1.504	4.177	2.131	4.801	1.451	

Note) WBC : Leukocyte count

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

Table 3-9 Hematology in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	PT (s)		APTT (s)	
		-7	83	-7	83
1	1	11.0	12.7	11.1	12.3
	2	14.1	14.5	10.5	12.5
	3	12.3	12.9	10.0	11.5
	4	12.6	12.6	13.1	11.5
	5	13.1	13.4	12.2	11.6
	6	12.2	12.1	10.4	11.3
	Mean ±S.D.	12.55 1.03	13.03 0.83	11.22 1.20	11.78 0.49
2	7	12.2	12.5	12.5	10.0
	8	11.2	12.6	10.2	11.6
	9	11.3	12.1	9.4	11.0
	10	12.6	12.6	8.9	12.3
	11	12.2	12.6	10.3	12.6
	12	12.3	11.9	10.5	9.6
	Mean ±S.D.	11.97 0.58	12.38 0.31	10.30 1.24	11.18 1.21
3	13	12.2	11.7	9.6	9.6
	14	12.8	12.3	10.3	11.1
	15	12.3	12.4	11.0	10.2
	16	12.7	12.5	10.0	11.1
	17	14.1	12.0	11.0	9.6
	18	12.4	11.7	9.5	11.1
	Mean ±S.D.	12.75 0.70#	12.10* 0.35	10.23 0.66	10.45** 0.74

Notes) PT : Prothrombin time  
APTT : Activated partial thromboplastin time

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

Table 4-1 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	AST (IU/L)						
		-7	15	28	42	56	75	83
1	1	39	18	20	29	18	17	30
	2	51	26	26	31	25	23	48
	3	47	27	25	22	21	23	26
	4	59	32	34	35	33	30	66
	5	40	28	29	47	25	34	29
	6	59	28	24	33	24	26	27
		Mean	49.2	26.5	26.3	32.8	24.3	25.5
	±S.D.	8.8	4.6	4.8	8.3	5.0	6.0	16.1
2	7	35	24	24	26	22	33	23
	8	33	23	24	29	19	20	21
	9	28	21	20	31	28	27	33
	10	41	22	23	33	21	20	30
	11	43	30	25	29	31	25	26
	12	54	27	29	33	22	33	27
		Mean	39.0*	24.5	24.2	30.2	23.8	26.3
	±S.D.	9.1	3.4	2.9	2.7	4.6	5.9	4.4
3	13	37	30	29	27	36	32	29
	14	88	37	29	39	27	44	73
	15	44	28	22	20	25	18	24
	16	31	22	24	27	21	30	31
	17	37	24	18	24	22	20	29
	18	43	24	24	31	27	27	37
		Mean	46.7	27.5	24.3	28.0	26.3	28.5
	±S.D.	20.8	5.5	4.2	6.5	5.4	9.4	18.0

Note) AST : Aspartate transaminase

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



Table 4-2 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	ALT (IU/L)						
		-7	15	28	42	56	75	83
1	1	28	26	26	24	25	21	24
	2	35	42	46	45	34	36	41
	3	35	52	46	43	39	43	39
	4	37	33	32	35	32	26	30
	5	32	33	34	35	33	30	26
	6	39	42	31	32	32	29	27
	Mean ±S.D.	34.3 3.9	38.0 9.2	35.8 8.3	35.7 7.6	32.5 4.5	30.8 7.7	31.2 7.1
2	7	34	33	30	32	29	25	27
	8	31	28	29	28	25	24	22
	9	27	24	24	25	27	24	24
	10	29	26	25	26	24	21	21
	11	30	28	25	24	28	24	22
	12	36	31	29	28	25	21	20
	Mean ±S.D.	31.2 3.3	28.3* 3.3	27.0* 2.6	27.2* 2.9	26.3** 2.0	23.2* 1.7	22.7* 2.5
3	13	36	31	33	30	32	27	26
	14	42	39	33	35	35	32	32
	15	34	27	25	24	25	20	22
	16	37	30	28	26	26	26	26
	17	37	30	27	26	27	22	25
	18	35	31	30	30	29	30	31
	Mean ±S.D.	36.8 2.8##	31.3 4.0	29.3 3.3	28.5* 4.0	29.0 3.8	26.2 4.6	27.0 3.8#

Note) ALT : Alanine transaminase

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

Table 4-3 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	ALP (IU/L)						
		-7	15	28	42	56	75	83
1	1	836	911	957	878	1015	877	943
	2	1056	1323	1299	1195	721	1116	1179
	3	858	1154	1243	1105	1174	1110	1155
	4	1281	1296	1272	1352	1373	1135	1142
	5	752	868	811	732	801	797	827
	6	1039	1057	1022	1036	1104	1025	828
	Mean	970.3	1101.5	1100.7	1049.7	1031.3	1010.0	1012.3
±S.D.	193.3	191.0	199.8	221.9	241.7	141.5	166.2	
2	7	546	644	703	760	637	604	633
	8	575	583	569	560	642	639	522
	9	445	511	495	501	535	563	534
	10	643	632	629	618	651	618	586
	11	679	601	636	586	703	676	690
	12	1085	1017	979	938	839	878	816
	Mean	662.2*	664.7**	668.5**	660.5**	667.8**	663.0**	630.2**
±S.D.	222.6	178.9	167.5	161.1	100.1	111.8	110.5	
3	13	1201	1097	1232	1053	1231	1048	1022
	14	1069	1485	1392	1311	1349	1002	856
	15	573	579	601	581	660	581	582
	16	757	763	833	824	779	871	745
	17	1052	895	923	858	983	876	840
	18	834	781	823	739	779	680	712
	Mean	914.3	933.3	967.3	894.3	963.5	843.0	792.8*
±S.D.	233.6#	319.5	291.7#	255.9#	275.9#	181.3#	149.7#	

Note) ALP : Alkaline phosphatase

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

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

Table 4-4 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	LDH (IU/L)						
		-7	15	28	42	56	75	83
1	1	685	529	486	615	489	465	582
	2	782	586	571	582	531	544	642
	3	646	565	582	514	468	495	535
	4	705	572	533	581	523	466	591
	5	650	520	490	557	461	552	505
	6	762	590	470	571	485	530	511
	Mean ±S.D.	705.0 56.7	560.3 29.3	522.0 47.2	570.0 33.5	492.8 28.5	508.7 38.7	561.0 53.3
2	7	534	499	487	559	487	532	495
	8	640	569	561	600	478	543	512
	9	471	460	427	448	460	465	495
	10	666	513	501	604	544	536	597
	11	615	465	436	428	468	473	458
	12	835	556	530	614	476	548	478
	Mean ±S.D.	626.8 125.0	510.3* 45.3	490.3 52.3	542.2 83.1	485.5 30.1	516.2 37.0	505.8* 48.3
3	13	729	611	580	596	635	605	576
	14	739	620	537	639	523	624	802
	15	596	543	490	485	503	429	477
	16	669	597	588	635	538	646	648
	17	802	670	515	597	544	543	541
	18	601	513	500	523	498	568	590
	Mean ±S.D.	689.3 82.1	592.3 56.4##	535.0 41.2	579.2 62.2	540.2* 49.9#	569.2 78.1	605.7 111.5#

Note) LDH : Lactate dehydrogenase

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

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

Table 4-5 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	GGT (IU/L)						
		-7	15	28	42	56	75	83
1	1	53	45	51	63	46	47	43
	2	51	50	54	45	33	41	41
	3	68	62	63	55	52	57	58
	4	66	59	70	61	57	53	81
	5	56	46	52	75	52	65	44
	6	77	62	66	93	91	82	69
	Mean ±S.D.	61.8 10.1	54.0 7.9	59.3 8.0	65.3 16.8	55.2 19.4	57.5 14.6	56.0 16.3
2	7	51	50	47	55	53	59	58
	8	50	50	43	52	43	45	42
	9	39	43	50	48	55	52	49
	10	62	60	60	78	65	78	86
	11	65	45	46	45	49	62	74
	12	72	69	71	65	68	100	74
	Mean ±S.D.	56.5 12.0	52.8 9.9	52.8 10.6	57.2 12.3	55.5 9.5	66.0 20.0	63.8 16.9
3	13	51	50	60	59	71	67	59
	14	56	52	54	55	58	65	54
	15	51	57	55	55	57	46	51
	16	59	61	59	60	59	70	63
	17	79	62	65	66	90	75	94
	18	82	79	89	87	87	87	98
	Mean ±S.D.	63.0 13.9	60.2 10.4	63.7 13.0	63.7 12.1	70.3 15.0#	68.3 13.5	69.8 20.7

Note) GGT : Gamma - glutamyltransferase

Not significantly different from group 1.

# P<0.05 : Significantly different from group 2.