



Body Weights									
		Age (weeks)	3	4	5	6	7	8	9
Female	Mean		12.3	16.1	18.4	19.1	19.7	20.5	21.1
	St Dev		1.6	1.5	1.3	1.2	1.3	1.2	1.3
Male	Mean		12.7	18.2	21.8	23.7	24.9	26.2	27.0
	St Dev		1.8	1.9	1.4	1.4	1.4	1.4	1.4

Body Weights								
		Age (weeks)	10	11	12	13	14	15
Female	Mean		21.5	22.1	22.9	23.6	24.0	24.7
	St Dev		1.3	1.3	1.5	1.7	1.8	1.9
Male	Mean		27.4					
	St Dev		1.4					

160 male and 160 female mice were obtained at weaning (birthdate +/- 3 days) from two barrier levels (standard and maximum) from both Bar Harbor and Sacramento facilities, and weighed weekly until the oldest age held in inventory. The mice were maintained on a diet containing 6% fat (LabDiet® 5K52 formulation).

Parameter	Units	Females		Males
<b>Hematology</b>				
Age	Weeks	8	16	8
White blood cell count (WBC)	10 <sup>3</sup> cells/μL	5.4	5.0	5.4
Red blood cell count (RBC)	10 <sup>6</sup> cells/μL	8.4	9.5	8.9
Hemoglobin	g/dL	12.9	14.8	13.3
Hematocrit	%	42.9	44.8	43.5
Mean cell volume (MCV)	fL	50.7	47.2	48.9
Mean cell hemoglobin (MCH)	pg	15.3	15.5	15.0
Mean cell hemoglobin concentration (MCHC)	g/dL	30.4	33.0	30.8
Platelet count	10 <sup>3</sup> cells/μL	686	1008	787
Mean platelet volume (MPV)	fL	5.5	5.3	5.6
Percent reticulocytes	%	2.2	3.0	2.9
Reticulocyte hemoglobin	pg	16.4	16.6	15.9
Reticulocyte count	10 <sup>2</sup> cells/L	170	302	253
Percent neutrophils	%	14.7	26.2	15.5
Percent lymphocytes	%	76.4	65.1	75.7
Percent monocytes	%	5.8	5.9	6.1
Percent eosinophils	%	2.5	2.2	2.1
Percent basophils	%	0.4	0.4	0.5
Neutrophil count	10 <sup>3</sup> cells/μL	0.74	1.21	0.77
Lymphocyte count	10 <sup>3</sup> cells/μL	4.21	3.35	4.12
Monocyte count	10 <sup>3</sup> cells/μL	0.37	0.26	0.38
Eosinophil count	10 <sup>3</sup> cells/μL	0.09	0.12	0.07
Basophil count	10 <sup>3</sup> cells/μL	0.01	0.02	0.02

Serum biochemistry				
Albumin	g/dL	2.7	2.8	2.5
Total protein	g/dL	4.5	4.6	4.5
Blood urea nitrogen	mg/dL	17	19	22
Calcium	mg/dL	9.2	9.1	9.1
Phosphorous	mg/dL	6.9	6.6	7.6
Cholesterol	mg/dL	90	83	105
HDL cholesterol	mg/dL	67.1	64.3	84.4
Triglycerides	mg/dL	132	124	140
Free fatty acids	mEq/L	1.19	1.02	0.86
Glucose	mg/dL	245	216	245
Alanine transferase	IU/L	47	61	25
Thyroxine/T4	μg/dL	7.3	6.4	5.8
Sodium	mmol/L	146.6	147.5	148.5
Potassium	mmol/L	4.16	4.29	4.44
Chloride	mmol/L	110.8	113.5	110.9
CO <sub>2</sub>	mmol/L	16.1	15.5	15.7

Parameter	Units	Females		Males
<b>Body Composition by DEXA Analysis</b>				
Age	Weeks	8	16	8
Body weight	g	20.63	23.73	25.18
Bone mineral density	g/cm <sup>2</sup>	0.0492	0.0572	0.0501
Bone mineral content	g	0.355	0.474	0.385
Bone area	cm <sup>2</sup>	7.22	8.28	7.68
Lean tissue	g	14.73	16.41	18.11
Fat tissue	g	4.39	5.82	5.66
Percent fat tissue	%	22.96	26.01	23.78

Flow Cytometry - Spleen				
B Cells (B220+)		55.52	55.95	58.21
T Cells (CD3e+)		30.25	30.09	27.02
Helper T Cells (CD3e+, CD4+)		19.75	20.06	17.63
Regulatory T Cells (CD3e+, CD4+, CD25+)		15.67	19.08	15.58
NK T Cells (CD3e+, CD49b+)		0.19	0.24	0.15
Cytotoxic T Cells (CD3e+, CD8+)		9.47	9.09	8.55
NK Cells (CD3-, B220-, CD49b+)		1.80	2.10	1.89
Monocytes (CD11b+, SSC Low, Gr1-)		1.49	1.99	1.59
Neutrophils/Granulocytes (CD11b+, Gr1+)		1.30	1.70	1.51
Eosinophils (CD11b+, SSC High)		0.27	0.32	0.20
Dendritic Cells (CD11b+, SSC Low, CD11c+)		0.43	0.54	0.53
Plasmacytoid Dendritic Cells (CD11b+, B220+)		1.18	1.17	1.33

All values are calculated as percentages of total viable cells, except regulatory T cells that are calculated as a percentage of viable CD4+ cells.