

**Phenotyping Data for Taconic Transgenic Model
Apoe Targeted Mutation(Apoe Knockout) Mouse
Taconic Model Number Apoe-M
B6.129P2-Apoe^{tm1Unc} N11**

Animal Identification

	B6.129P2-Apoe ^{tm1Unc} N11			C57BL/6NTac		
	Animal 1	Animal 2	Animal 3	Animal 4	Animal 5	Animal 6
Animal ID	F018-01	F019-01	F020-01	F015-01	F016-01	F017-01
Genotype	Apoe -/-	Apoe -/-	Apoe -/-	Apoe +/+	Apoe +/+	Apoe +/+
Sex	Female	Female	Male	Female	Female	Male
Age(weeks)	10 weeks	10 weeks	10 weeks	12 weeks	12 weeks	11 weeks

Blood Chemistry Data

Test Parameter	Units	B6.129P2-Apoe ^{tm1Unc} N11					C57BL/6NTac				
		Animal 1	Animal 2	Animal 3	Avg	SD	Animal 4	Animal 5	Animal 6	Avg	SD
		Value	Value	Value	Value	Value	Value	Value	Value	Value	Value
Serum Glucose	mg/dL	178.36	176.56	185.56	180.16	4.76	163.95	196.37	127.91	162.74	34.25
Urea	mg/dL	30.26	29.42	30.26	29.98	0.48	23.54	25.5	30.54	26.53	3.61
Creatinine	mg/dL	0.34	0.37	0.34	0.35	0.02	0.32	0.37	0.37	0.35	0.03
Protein (Biruete)	g/L	52	57	51	53.33	3.21	51	54	54	53.00	1.73
Albumin	g/L	29	31	25	28.33	3.06	29	31	29	29.67	1.15
Cholesterol	mg/dL	661.15	603.16	568.36	610.89	46.88	50.26	50.26	77.33	59.28	15.63
Triglycerides	mg/dL	113.75	105	218.75	145.83	63.30	70	34.8	140	81.60	53.55
Phosphatase (alkal)	U/L	208	223	100	177.00	67.10	112	118	101	110.33	8.62
ASAT (GOT)	U/L	81	108	45	78.00	31.61	67	61	49	59.00	9.17
ALAT (GPT)	U/L	42	36	36	38.00	3.46	40	35	39	38.00	2.65
CK	U/L	300	622	191	371.00	224.10	342	193	171	235.33	93.03
GGT	U/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Amylase	U/L	2870	2410	2930	2736.67	284.49	1880	1970	2820	2223.33	518.68
Calcium	mg/dL	9.7	10.82	9.7	10.07	0.65	9.94	10.06	10.02	10.01	0.06
Phosphorus	mg/dL	9.11	13.95	8.39	10.48	3.02	6.41	7.8	9.57	7.93	1.58

Hematology Data

Test Parameter	Units	B6.129P2-Apo ^e ^{tm1Unc} N11					C57BL/6NTac				
		Animal 1	Animal 2	Animal 3	Avg	SD	Animal 4	Animal 5	Animal 6	Avg	SD
		Value	Value	Value	Value	Units	Value	Value	Value	Value	Units
Hematocrit	%	50	50	49	49.67	0.58	48	50	51	49.67	1.53
Hemoglobin	g/dl	16	15.7	15.9	15.87	0.15	15.2	15.8	16.3	15.77	0.55
Erythrocytes	x10 ⁶ /ul	10.4	10.5	10.6	10.50	0.10	10.4	11.1	11.1	10.87	0.40
Leukocytes	x10 ³ /ul	5.5	5.3	5.4	5.40	0.10	6.2	3.9	6.7	5.60	1.49
MCH	pg	15	15	15	15.00	0.00	15	14	15	14.67	0.58
MCHC	g/dl	32	31	33	32.00	1.00	32	31	32	31.67	0.58
MCV	fl	46	48	46	46.67	1.15	46	46	46	46.00	0.00
Banded Neutrophils	ul										
% Banded Neutrophils	%				--	--				--	--
Segmented Neutrophils	ul	990	961	648	866.33	189.64	930	385	469	594.67	293.43
% Segmented Neutrophils	%				--	--				--	--
Eosinophils	ul	110	214	54	126.00	81.19	248	193	201	214.00	29.72
% Eosinophils	%				--	--				--	--
Basophils	ul	0	0	0	0.00	0.00	0	0	0	0.00	0.00
% Basophils	%				--	--				--	--
Monocytes	ul	220	214	108	180.67	63.00	186	77	134	132.33	54.52
% Monocytes	%				--	--				--	--
Lymphocytes	ul	4180	3952	4590	4240.67	323.30	4836	3196	5896	4642.67	1360.34
% Lymphocytes	%				--	--				--	--