

C57BL/6J (B6J) オス 月齢ごとの血清学的データ (n=10-15/age)

Parameter	Months old								Unit
	3	6	9	12	15	18	21	24	
GLU	246.1±25.6 ^a	206.9±17.1 ^{b,c}	228.9±17.1 ^{a,b}	204.0±22.0 ^{b,c}	202.1±30.9 ^{b,c}	189.1±26.2 ^{c,d}	202.0±16.6 ^{b,c}	165.8±15.2 ^d	mg/dL
TCHOL	82.7±11.7 ^a	98.2±9.1	98.1±13.3	114.3±18.3 ^b	97.6±10.6	101.5±11.3	104.3±20.2	119.4±45.6	mg/dL
TG	109.4±44.0	96.1±21.0 ^a	135.5±34.1	141.4±34.6 ^b	129.2±35.7	105.3±30.4	124.2±30.2	97.1±47.3	mg/dL
BUN	37.9±3.2	39.2±4.7	37.9±4.1	39.3±3.0	39.6±8.3	32.3±5.3	33.0±6.0	50.7±22.7	mg/dL
CRE	0.3±0.09 ^a	0.3±0.09	0.3±0.08 ^a	0.3±0.05 ^a	0.3±0.21	0.3±0.11	0.2±0.06 ^a	0.4±0.11 ^b	mg/dL
BUN/CRE	164.7±55.1	160.0±68.4	164.6±94.0	116.9±19.0	160.2±106.7	142.6±121.2	141.2±31.5	117.3±26.1	
IP	7.4±1.1	6.5±1.5	7.0±1.0	6.8±0.8 ^a	7.1±0.9	6.8±1.2	7.6±1.1	8.5±0.9 ^b	mg/dL
UA	2.1±0.6	2.3±0.6	1.8±0.3 ^a	3.2±1.0	3.2±1.3	3.3±1.5	3.1±1.4	3.5±1.3 ^b	mg/dL
NH ₃	431.8±97.1	436.6±60.5	412.5±32.2 ^a	470.6±92.5	426.5±85.9	523.4±40.9 ^b	366.9±151.7	450.0±59.0	g/dL
Mg	2.7±0.3	3.0±0.3	2.9±0.1	3.1±0.2	2.9±0.5	2.9±0.4	3.2±0.3	3.6±0.6	mg/dL
Ca	10.6±0.2	10.6±0.7	11.0±0.8	10.6±0.8	10.4±0.7	10.7±0.6	11.0±0.5	10.6±0.6	mg/dL
Na	149.7±9.8	149.1±2.2	146.7±4.3	147.9±2.3	147.9±2.6	147.6±1.2	150.1±2.9	146.9±5.1	mEq/L
K	6.0±0.6	5.5±0.4 ^{a,b}	5.3±0.4 ^b	5.9±0.4	6.2±0.3 ^c	6.2±0.3 ^c	6.0±0.7 ^{b,c}	6.4±0.4 ^c	mEq/L
Cl	121.0±17.1 ^a	112.3±1.8 ^a	119.5±34.5	110.4±2.0	109.4±2.5	109.1±2.3	112.0±3.9	107.5±3.5 ^b	mEq/L
Na/K	25.4±3.1	27.2±2.0 ^a	27.6±1.7 ^a	25.2±2.1	24.0±1.3 ^b	23.9±1.2 ^b	25.3±2.7	22.9±1.0 ^b	
TP	5.2±0.2	5.5±0.3	5.5±0.3	5.3±0.3	5.3±0.4	5.3±0.4	5.2±0.4	4.9±0.6	g/dL
ALB	2.4±0.3	2.5±0.3	2.6±0.2 ^a	2.4±0.3	2.4±0.2	2.5±0.2	2.3±0.2	2.1±0.3 ^b	g/dL
GLO	2.8±0.3	2.9±0.3	3.0±0.3	2.9±0.2	3.0±0.4	2.8±0.3	2.9±0.4	2.8±0.5	g/dL
ALB/GLO	0.8±0.2	0.9±0.1	0.9±0.1	0.8±0.1	0.8±0.1	0.9±0.1	0.8±0.2	0.8±0.1	
GOT/AST	38.5±9.4	32.5±2.7 ^a	47.6±14.9 ^b	39.3±8.1	47.4±18.7 ^b	39.2±4.2	40.5±6.7 ^b	45.0±6.6 ^b	U/L
GPT/ALT	29.2±7.6	23.6±2.9	28.4±5.6	22.5±4.5	21.8±4.3	25.2±5.8	25.0±10.2	22.2±4.0	U/L
LAP	37.7±2.7	40.7±3.0	39.9±1.8	35.0±6.0	33.8±9.7	29.1±11.2	40.3±6.1	35.1±8.9	U/L
AMY	288.6±60.7 ^a	279.7±35.2 ^a	275.9±48.9	382.9±114.6	438.7±144.1 ^b	327.9±94.8	324.6±87.5	341.7±62.8	U/daL
LYP	40.7±11.0	31.6±8.6	22.6±8.6 ^a	27.3±11.7	32.5±12.5	35.4±11.9	37.2±9.1	41.9±21.5 ^b	U/L
CPK	67.6±10.9 ^{a,b}	64.1±14.9 ^{a,b}	97.5±42.2 ^b	55.4±13.9 ^{a,c}	62.3±32.0 ^{b,c}	58.6±14.9 ^{a,c}	47.7±12.2 ^{a,c}	59.2±14.1 ^c	U/L
LDH	420.3±164.6	388.7±120.0	342.0±179.2	299.3±223.9	364.2±183.7	253.7±91.6	220.6±126.1	405.9±177.1	U/L

Glucose (GLU), total cholesterol (TCHOL), triglycerides (TG), blood urea nitrogen (BUN), creatinine (CRE), inorganic phosphorus (IP), uric acid (UA), NH₃, five electrolytes (Mg, Ca, Na, K and Cl), total protein (TP), albumin (ALB), globulin (GLO), glutamate oxalacetate transaminase/aspartate aminotransferase (GOT/AST), glutamate pyruvate transaminase/alanine aminotransferase (GPT/ALT), leukocyte alkaline phosphatase (LAP), amylase (AMY), lipase (LYP), creatine phosphokinase (CPK), and lactate dehydrogenase (LDH). Different letters indicate significant differences between age groups for each parameter ($P < 0.05$). There are no significant differences between age groups containing the same letters. Values without a letter indicate no significant difference between any of the groups.

C57BL/6J (B6J) メス 月齢ごとの血清学的データ (n=10-15/age)

Parameter	Months old								Unit
	3	6	9	12	15	18	21	24	
GLU	212.6±14.4	216.1±20.5	209.6±26.4	193.4±23.6	212.4±23.3	192.6±17.3	192.0±31.5	195.9±25.8	mg/dL
TCHOL	65.7±8.3 ^a	79.7±9.9	79.5±10.2	85.1±17.4	83.7±11.5 ^b	79.5±10.6	77.8±7.5	73.3±26.1	mg/dL
TG	75.2±20.9	78.6±20.6	63.6±20.1	100.1±49.4	53.6±17.3	75.8±21.4	67.6±22.5	53.9±16.7	mg/dL
BUN	33.2±4.2	31.6±4.8	35.3±6.0 ^a	33.3±4.0	32.1±3.4	27.7±3.9 ^b	29.6±5.4	30.3±3.3	mg/dL
CRE	0.2±0.04 ^a	0.2±0.04	0.2±0.06	0.2±0.05	0.3±0.06	0.2±0.03 ^b	0.2±0.03	0.2±0.06	mg/dL
BUN/CRE	222.7±67.8 ^a	193.9±34.7 ^a	189.5±96.2	199.4±74.1 ^a	176.3±54.9	125.7±25.3 ^b	156.9±35.8	145.5±41.0	
IP	6.7±1.1	6.8±1.1	7.0±1.4	6.2±0.5	6.8±0.7	6.3±0.8	7.0±1.0	6.9±0.8	mg/dL
UA	2.3±0.8	2.9±0.5 ^a	1.9±0.4 ^b	2.9±0.9	2.4±0.7	2.7±0.5	2.5±0.7	2.2±0.8	mg/dL
NH ₃	399.4±23.4	406.7±62.2	405.1±134.9	447.9±48.1 ^a	356.7±93.1	400.4±123.0	322.5±78.3 ^b	335.6±79.8	g/dL
Mg	2.6±0.1 ^a	2.8±0.3	2.8±0.2	3.0±0.3	3.0±0.4	3.0±0.2 ^b	3.1±0.3 ^b	3.0±0.5	mg/dL
Ca	9.0±0.3	9.0±0.4	9.1±0.4	9.0±0.6	9.5±0.9	8.8±0.5 ^a	8.9±0.6 ^a	10.6±0.6 ^b	mg/dL
Na	151.3±4.9	148.7±1.9	147.5±5.3	144.4±7.5	150.8±3.1	147.6±3.1	150.0±4.1	148.5±4.3	mEq/L
K	5.8±0.4	5.5±0.3	5.2±0.5	5.2±0.6	5.6±0.2	5.7±0.3	5.6±0.4	5.9±0.5	mEq/L
Cl	116.7±5.3	114.1±2.4	111.1±4.8	110.0±7.2	113.2±2.7	112.7±2.7	111.8±3.3	111.3±4.6	mEq/L
Na/K	26.4±1.6	27.0±1.4	28.4±2.5 ^a	28.1±2.6	26.8±1.2	26.0±1.3	27.0±2.0	25.3±1.8	
TP	5.1±0.2	5.3±0.4	5.7±0.8	5.3±0.5	5.5±0.4	5.2±0.5	5.2±0.6	5.6±0.7	g/dL
ALB	2.5±0.2	2.6±0.2 ^a	2.6±0.4	2.4±0.4	2.4±0.2	2.1±0.3 ^b	2.2±0.4	2.3±0.4	g/dL
GLO	2.7±0.1 ^a	2.8±0.3 ^{a,b}	3.1±0.5	2.9±0.5	3.1±0.2 ^c	3.1±0.6	3.1±0.6	3.3±0.4 ^{b,c}	g/dL
ALB/GLO	0.9±0.1 ^a	0.9±0.1 ^a	0.9±0.1	0.8±0.2	0.8±0.01 ^b	0.7±0.3	0.7±0.3	0.7±0.1 ^b	
GOT/AST	39.8±3.8 ^a	44.9±7.9	39.4±4.9	46.4±5.5	46.4±3.0 ^b	44.7±8.7	50.5±8.6 ^b	46.4±9.5	U/L
GPT/ALT	29.5±6.5	29.4±4.5	26.3±6.2	26.6±4.5	23.9±5.5	27.2±6.0	29.8±6.4	21.2±6.9	U/L
LAP	39.5±6.2	44.9±4.6	45.3±7.1	39.6±7.7	42.0±7.3	43.8±11.1	44.0±7.5	41.8±13.3	U/L
AMY	243.5±13.2 ^a	246.3±50.6	224.1±34.9 ^a	252.9±30.3	287.0±38.3	310.2±46.6 ^b	403.9±187.2 ^b	314.9±101.3	U/daL
LYP	35.6±9.1	23.0±10.0	24.0±10.2	29.3±11.1	38.2±20.4	28.4±14.8	38.2±13.7	39.6±11.3	U/L
CPK	61.7±10.0	59.7±15.4	59.2±13.7	50.5±14.9	43.7±16.5	47.0±21.1	46.0±16.6	49.3±14.8	U/L
LDH	419.5±128.1	509.2±188.5 ^a	431.1±97.8	280.3±184.8	249.1±186.2 ^b	277.6±155.1 ^b	330.6±183.1	345.9±130.2	U/L

Glucose (GLU), total cholesterol (TCHOL), triglycerides (TG), blood urea nitrogen (BUN), creatinine (CRE), inorganic phosphorus (IP), uric acid (UA), NH₃, five electrolytes (Mg, Ca, Na, K and Cl), total protein (TP), albumin (ALB), globulin (GLO), glutamate oxalacetate transaminase / aspartate aminotransferase (GOT / AST), glutamate pyruvate transaminase / alanine aminotransferase (GPT / ALT), leukocyte alkaline phosphatase (LAP), amylase (AMY), lipase (LYP), creatine phosphokinase (CPK), and lactate dehydrogenase (LDH). Different letters indicate significant differences between age groups for each parameter ($P < 0.05$). There are no significant differences between age groups containing the same letters. Values without a letter indicate no significant difference between any of the groups.

C57BL/6NCrSlc (B6N) オス 月齢ごとの血清学的データ (n=10-15/age)

Parameter	Months old								Unit
	3	6	9	12	15	18	21	24	
GLU	229.0±18.2 ^a	219.7±18.2 ^a	213.3±43.3	213.1±19.2	214.8±33.0	199.1±48.7	191.4±13.5	176.5±25.6 ^b	mg/dL
TCHOL	92.0±17.2	92.1±13.7	100.3±26.8	85.8±28.8	106.5±13.8 ^a	108.8±30.1 ^a	71.7±17.1 ^b	83.8±25.8	mg/dL
TG	107.2±30.0	103.9±23.0	138.0±48.4	94.8±31.2	91.3±28.3	94.9±28.0	77.8±26.1	84.5±43.3	mg/dL
BUN	29.5±5.1	29.6±3.5	26.1±3.5	27.7±3.4	27.9±5.4	25.9±3.1	26.2±4.9	27.5±4.5	mg/dL
CRE	0.2±0.05	0.2±0.05	0.2±0.06	0.2±0.03	0.3±0.09	0.2±0.08	0.2±0.1	0.2±0.06	mg/dL
BUN/CRE	167.3±41.5	173.6±44.7	140.1±40.8	140.5±21.7	119.2±36.8	141.8±50.7	140.6±58.8	140.4±36.3	
IP	7.4±0.9	6.8±0.5	7.1±0.8	6.8±1.4	6.4±1.2	7.1±1.2	7.4±0.6	6.9±0.9	mg/dL
UA	2.8±0.9	2.9±0.8	3.3±0.7	3.0±0.6	2.6±0.9	2.6±1.0	2.7±0.8	2.9±1.3	mg/dL
NH ₃	327.7±35.9	341.2±84.4	394.6±78.1	402.6±79.0	351.3±127.7	377.0±138.7	304.5±113.6	319.3±99.6	g/dL
Mg	2.5±0.3	2.6±0.1	2.6±0.5	2.5±0.5	2.4±0.4	2.5±0.4	2.6±0.4	2.8±0.5	mg/dL
Ca	8.9±0.5	8.7±0.8	8.8±0.8	7.9±1.6	8.8±0.7	8.8±1.0	8.8±0.7	9.1±0.9	mg/dL
Na	149.3±6.5	145.1±11.7	145.2±8.6	140.5±13.8	147.4±5.5	141.7±12.8	146.2±2.9	147.4±7.8	mEq/L
K	5.9±0.5 ^a	5.8±0.8	5.4±0.6 ^a	4.5±0.4 ^b	5.4±0.3 ^a	5.4±0.8	5.9±0.3 ^a	5.9±0.4 ^a	mEq/L
Cl	111.1±6.0	107.1±9.1	108.1±7.8	102.1±11.9	111.6±3.0	105.7±11.5	109.0±2.6	110.1±6.6	mEq/L
Na/K	25.6±2.0 ^{a,c}	25.6±2.9 ^{a,c}	27.3±2.2 ^{a,c}	31.4±1.1 ^b	27.4±1.7 ^a	26.8±2.8 ^{a,c}	24.7±1.4 ^c	25.2±1.0 ^{a,c}	
TP	5.1±0.2	5.4±0.3	5.3±0.4	5.3±0.1	5.3±0.5	5.6±0.3	5.3±0.5	5.2±0.4	g/dL
ALB	2.3±0.2	2.3±0.2	2.5±0.3	2.3±0.1	2.4±0.6	2.5±0.1	2.3±0.2	2.2±0.4	g/dL
GLO	2.8±0.3	3.0±0.3	2.9±0.3	3.0±0.1	2.9±0.6	3.1±0.2	3.1±0.4	3.0±0.3	g/dL
ALB/GLO	0.8±0.1	0.8±0.1	0.9±0.2	0.8±0.1	0.9±0.6	0.8±0.1	0.8±0.1	0.7±0.2	
GOT/AST	38.5±8.1 ^a	41.2±7.1 ^{a,b}	42.1±5.7 ^{a,b}	38.9±6.8 ^a	45.6±7.6	48.0±7.6	50.9±6.7 ^{b,c}	53.7±8.7 ^c	U/L
GPT/ALT	24.9±9.1	24.3±8.0	26.7±4.1	24.7±4.1	24.5±7.9	28.2±7.1	28.3±9.3	30.3±8.6	U/L
LAP	45.8±5.0	43.3±3.5 ^a	51.0±5.0 ^b	51.2±7.0	45.2±3.6	43.1±4.4	42.5±8.2	43.0±9.3	U/L
AMY	286.7±58.7 ^a	303.3±83.4	366.3±106.3	416.9±54.5 ^b	341.4±115.2	370.2±55.5	447.1±161.1 ^b	379.7±130.2	U/daL
LYP	30.9±5.5 ^a	28.5±10.9	19.2±12.9	17.7±7.8 ^b	26.8±6.8	17.2±6.3 ^b	29.4±6.8	23.4±11.2	U/L
CPK	65.5±13.7 ^a	49.3±18.0	48.6±17.9	41.5±13.3 ^b	49.9±7.8	51.5±9.8	54.2±12.4	55.0±8.4	U/L
LDH	319.9±53.2	311.8±119.2	323.5±117.8	331.9±131.9	284.2±53.7	246.4±131.0	342.0±150.6	385.4±92.9	U/L

Glucose (GLU), total cholesterol (TCHOL), triglycerides (TG), blood urea nitrogen (BUN), creatinine (CRE), inorganic phosphorus (IP), uric acid (UA), NH₃, five electrolytes (Mg, Ca, Na, K and Cl), total protein (TP), albumin (ALB), globulin (GLO), glutamate oxalacetate transaminase / aspartate aminotransferase (GOT / AST), glutamate pyruvate transaminase / alanine aminotransferase (GPT / ALT), leukocyte alkaline phosphatase (LAP), amylase (AMY), lipase (LYP), creatine phosphokinase (CPK), and lactate dehydrogenase (LDH). Different letters indicate significant differences between age groups for each parameter ($P < 0.05$). There are no significant differences between age groups containing the same letters. Values without a letter indicate no significant difference between any of the groups.

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Parameter	Months old								Unit
	3	6	9	12	15	18	21	24	
GLU	205.2±13.5	195.4±18.5	175.9±35.2	189.3±13.6	196.7±34.6	198.7±30.4	196.3±26.6	184.6±25.1	mg/dL
TCHOL	78.2±10.4	82.3±12.1	76.6±5.2	74.2±15.3	70.4±7.6	82.7±27.8	74.6±17.3	72.5±17.1	mg/dL
TG	67.9±23.1	81.0±21.5	79.1±29.0	64.8±22.1	63.9±26.2	68.8±31.3	53.1±19.4	49.9±19.1	mg/dL
BUN	28.8±4.5 ^a	28.4±2.8 ^a	25.6±4.4	27.1±4.9 ^a	20.0±3.6 ^b	22.0±3.0 ^b	23.8±3.9	25.9±6.3	mg/dL
CRE	0.2±0.04	0.2±0.03	0.2±0.015	0.2±0.04	0.2±0.03	0.2±0.05	0.2±0.04	0.2±0.07	mg/dL
BUN/CRE	193.5±52.9	175.4±36.2	147.5±51.2	169.8±55.4	135.2±29.0	155.9±52.1	162.2±37.8	174.4±40.6	
IP	7.3±0.8 ^a	6.5±0.9	6.6±0.9	6.5±0.9	6.2±0.9	5.8±0.9 ^b	6.3±0.9	6.5±1.1	mg/dL
UA	2.1±0.3	2.5±0.5 ^a	2.9±0.9 ^a	2.0±0.8	1.7±0.3 ^b	2.2±0.8	2.7±0.4 ^b	2.0±0.6	mg/dL
NH ₃	257.7±51.7	314.4±72.1	414.3±111.8 ^a	325.4±78.5	249.8±55.1 ^b	274.0±140.2	267.5±41.5	299.1±133.6	g/dL
Mg	2.4±0.4	2.7±0.3	2.5±0.4	2.5±0.3	2.2±0.3	2.4±0.5	2.7±0.4	2.5±0.5	mg/dL
Ca	8.9±0.3	9.0±0.3	8.6±1.3	8.8±1.2	8.9±1.0	8.8±1.0	8.5±0.4	8.5±0.7	mg/dL
Na	147.6±5.8	147.6±5.8	146.5±2.7	147.8±18 ^a	145.4±2.0	138.7±10.1	145.1±1.4 ^b	141.5±5.0 ^b	mEq/L
K	5.3±0.6	5.2±0.7	4.8±0.6	5.1±0.2 ^a	5.2±0.3	5.0±0.8	5.4±0.2	5.9±0.6 ^b	mEq/L
Cl	112.0±5.1 ^a	112.2±5.4 ^a	109.6±3.5	111.7±2.7	109.7±0.9	105.4±8.2 ^b	108.6±2.0	106.4±4.2	mEq/L
Na/K	28.2±2.5	29.1±3.6	31.0±3.2 ^b	29.3±1.2 ^a	27.9±2.0 ^{a,b}	27.9±2.6	26.8±1.2 ^{b,c}	24.4±2.6 ^c	
TP	5.0±0.3	5.4±0.3	5.1±0.7	5.4±0.3	5.5±0.3	5.3±0.6	5.3±0.5	5.2±0.6	g/dL
ALB	2.2±0.4	2.3±0.3	2.3±0.2	2.4±0.3	2.2±0.2	2.3±0.3	2.2±0.3	2.2±0.4	g/dL
GLO	2.8±0.6	3.1±0.2	2.7±0.7	3.1±0.2	3.3±0.4	3.0±0.6	3.1±0.4	3.0±0.5	g/dL
ALB/GLO	0.8±0.3	0.8±0.1	0.9±0.4	0.8±0.2	0.7±0.1	0.8±0.2	0.7±0.1	0.7±0.2	
GOT/AST	47.5±9.3	42.9±6.8	41.0±11.8	47.8±8.0	40.8±7.3	39.7±15.4	43.2±18.4	52.5±8.6	U/L
GPT/ALT	24.0±2.4	27.1±5.0	26.0±4.1	28.5±2.6	23.6±3.7	23.8±11.1	28.6±6.9	29.8±5.7	U/L
LAP	39.9±8.4	41.0±7.1	40.8±8.9	43.5±10.3	39.2±7.0	42.4±7.6	44.4±8.0	49.3±9.1	U/L
AMY	222.7±31.6 ^a	268.0±61.7	279.8±41.6	364.1±124.4 ^b	299.8±98.5	302.8±80.7	293.5±62.2	368.8±174.2	U/daL
LYP	20.7±5.4	23.5±9.1	15.7±6.5 ^a	22.3±10.6	19.4±8.0	25.9±9.6	24.9±10.5	29.9±8.7 ^b	U/L
CPK	49.6±15.6 ^a	45.4±12.4	32.1±8.8 ^b	43.7±11.2	40.3±11.2	46.4±10.4	42.1±8.8	46.8±9.4	U/L
LDH	332.9±93.5 ^a	325.6±129.8 ^a	174.9±60.2 ^b	252.2±128.1	242.6±73.4	241.9±69.3	290.4±138.6	355.6±98.6 ^a	U/L

Glucose (GLU), total cholesterol (TCHOL), triglycerides (TG), blood urea nitrogen (BUN), creatinine (CRE), inorganic phosphorus (IP), uric acid (UA), NH₃, five electrolytes (Mg, Ca, Na, K and Cl), total protein (TP), albumin (ALB), globulin (GLO), glutamate oxalacetate transaminase / aspartate aminotransferase (GOT / AST), glutamate pyruvate transaminase / alanine aminotransferase (GPT / ALT), leukocyte alkaline phosphatase (LAP), amylase (AMY), lipase (LYP), creatine phosphokinase (CPK), and lactate dehydrogenase (LDH). Different letters indicate significant differences between age groups for each parameter ($P < 0.05$). There are no significant differences between age groups containing the same letters. Values without a letter indicate no significant difference between any of the groups.

データの無断転載は禁じます。