

New Zealand White



HsdOkd:NZW

Harlan Laboratories and Oakwood Research Facility (Oxford, Michigan) partnered in 1996 to help you do research better with high quality New Zealand White rabbits. Rabbits are comprehensively screened for viruses, fungi, parasites, and commensal and pathogenic bacteria.

HsdOkd:NZW Production

- Average Litter Size: 8.5 kits
- Colonies consistently test negative for Bordetella bronchiseptica and Pasteurella multocida
- Facility utilizes production software with capabilities of tracing individual rabbit lineage over multiple generations
- Technicians handle and socialize animals beginning at birth in an attempt to engender/produce a more docile demeanor
- Individual identification via ear tag, tattoo, or microchip available upon request

Research Use

- Toxicology (2, 7, 20)
- Dermatology (23, 24)
- Ophthalmology (1, 18, 21, 27, 29)
- Biomedical Research (13)
- Antibody Production (3, 4, 10, 14, 15, 16, 17)
- Atherosclerosis (11, 19, 20)
- Osteology (8, 9, 25, 26)
- Cardiovascular (12, 23)
- Renal (5, 28)

Additional Available Data

- 30-week growth curve
- Hematology values
- Clinical Chemistry values

Clinical Chemistry (Adult Males)

	Units	Mean	Std Dev
Glucose	mg/dL	217.0	48.1
Blood Urea Nitrogen (BUN)	mg/dL	17.0	2.2
Creatinine	mg/dL	0.7	0.2
BUN/Creatinine	Ratio	21.4	4.8
Cholesterol	mg/dL	94.0	28.4
Total Protein (TP)	g/dL	5.5	0.4
Albumin (Alb)	g/dL	3.3	0.4
Globulin (Glb)	g/dL	2.2	0.2
Alb/Glb	Ratio	1.5	0.2
Total Bilirubin	mg/dL	0.3	0.1
Alkaline Phosphatase (ALP)	U/L	100.0	20.4
Aspartate Aminotransferase (AST)	U/L	52.0	12.2
Alanine Aminotransferase (ALT)	U/L	43.0	11.4
AST/ALT	Ratio	1.4	0.3
Calcium (Ca)	mg/dL	12.5	0.5
Phosphorus (P)	mg/dL	7.2	0.9
Sodium (Na)	mmol/L	143.0	4.8
Potassium (K)	mmol/L	3.8	0.4
Chloride (Cl)	mmol/L	100.0	3.8
Anion Gap	mmol/L	17.0	3.7

Hematology (Adult Males)

	Units	Mean	Std Dev
White Blood Cells (WBC)	$\times 10^3/\mu\text{L}$	5.1	1.6
Red Blood Cells (RBC)	$\times 10^6/\mu\text{L}$	5.5	1.6
Hemoglobin (Hgb)	g/dL	11.0	0.9
Hematocrit (Hct)	%	38.8	6.2
Mean Corpuscular Volume (MCV)	fL	66.0	4.1
Mean Corpuscular Hemoglobin (MCH)	pg	18.6	2.3
Mean Corpuscular Hemoglobin Concentration (MCHC)	g/dL	28.4	4.4
Segmented Neutrophils	%	31.6	10.8
Lymphocytes	%	48.8	17.0
Monocytes	%	15.5	13.9
Eosinophils	%	0.4	0.5

Clinical Chemistry (Adult Females)

	Units	Mean	Std Dev
Glucose	mg/dL	202.0	45.0
Blood Urea Nitrogen (BUN)	mg/dL	16.0	3.0
Creatinine	mg/dL	0.7	0.2
BUN/Creatinine	Ratio	22.5	6.4
Cholesterol	mg/dL	87.0	20.0
Total Protein (TP)	g/dL	5.2	0.5
Albumin (Alb)	g/dL	3.2	0.3
Globulin (Glb)	g/dL	2.1	0.2

Alb/Glb	Ratio	1.6	0.2
Total Bilirubin	mg/dL	0.4	0.1
Alkaline Phosphatase (ALP)	U/L	68.0	30.0
Aspartate Aminotransferase (AST)	U/L	50.0	22.0
Alanine Aminotransferase (ALT)	U/L	47.0	15.0
AST/ALT	Ratio	1.1	0.3
Calcium (Ca)	mg/dL	12.3	0.5
Phosphorus (P)	mg/dL	6.8	0.1
Sodium (Na)	mmol/L	142.0	4.0
Potassium (K)	mmol/L	3.8	0.3
Chloride (Cl)	mmol/L	98.0	3.1
Anion Gap	mmol/L	17.0	4.1

Hematology (Adult Females)

	Units	Mean	Std Dev
White Blood Cells (WBC)	$\times 10^3/\mu\text{L}$	5.4	2.0
Red Blood Cells (RBC)	$\times 10^6/\mu\text{L}$	5.3	3.4
Hemoglobin (Hgb)	g/dL	11.5	1.7
Hematocrit (Hct)	Vol %	39.0	8.0
Mean Corpuscular Volume (MCV)	fL	62.3	3.8
Mean Corpuscular Hemoglobin (MCH)	pg	20.7	5.6
Mean Corpuscular Hemoglobin Concentration (MCHC)	g/dL	30.6	3.4
Segmented Neutrophils	%	7.6	11.0
Lymphocytes	%	89.2	28.4
Monocytes	%	1.8	22.9

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