

Irish Wolfhound Breed-Specific Reference Intervals

Chemistry

Parameter	Unit	WH Lower	WH Upper	Standard Interval	Parameter	Unit	WH Lower	WH Upper	Standard Interval
Sodium	mEq/L	143	154	142 - 152	Bilirubin	mg/dL	0.1	0.3	0 - 0.3
Potassium	mEq/L	3.9	5.0	4 - 5.4	Cholesterol	mg/dL	134	372	131 - 345
Chloride	mEq/L	109	119	108 - 119	Total protein	g/dL	5.3	7.1	5.5 - 7.5
Calcium	mg/dL	9.3	11.2	8.4 - 11.8	Albumin	g/dL	2.8	3.8	2.7 - 3.9
Phosphorus	mg/dL	3.2	5.9	2.5 - 6.1	Globulin	g/dL	2.2	4.0	2.4 - 4
Urea nitrogen	mg/dL	9	28	9 - 31	SDMA	µg/dL	7	17	0 - 14
Creatinine	mg/dL	0.6	1.4	0.5 - 1.5	T4	µg/dL	0.6	4.2	1 - 4
Creatine kinase	U/L	39	147	10 - 200					
AST	U/L	12	31	16 - 55					
GGT	U/L	1	16	0 - 13					
ALP	U/L	11	179	5 - 160					
ALT	U/L	15	56	18 - 121					

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Hematology

Parameter	Unit	WH Lower	WH Upper	Standard Interval	Parameter	Unit	WH Lower	WH Upper	Standard Interval
Packed Cell Volume	%	43.2	59.9	38.5 - 56.5	Monocyte %	%	2.2	9.5	
RBC	$10^6/\mu\text{L}$	6.09	8.79	5.39 - 8.7	Monocyte	$10^3/\mu\text{L}$	0.12	0.81	0.13 - 1.15
Hemoglobin	g/dL	14.4	21.3	13.4 - 20.7	Eosinophil %	%	0	17.6	
MCV	fL	64	78	59 - 76	Eosinophil	$10^3/\mu\text{L}$	0.12	1.60	0.70 - 1.49
MCHC	g/dL	31.9	36.3	32.6 - 39.2	Basophil %	%	0.0	0.8	
MCH	pg	22.3	26.5	21.9 - 26.1	Basophil	$10^3/\mu\text{L}$	0	23	0 - 100
WBC	$10^3/\mu\text{L}$	4.1	14	4.9 - 17.6	Platelets	$10^3/\mu\text{L}$	80	266	143 - 448
Neutrophil %	%	35.5	88.6		Reticulocyte %	%	0.1	0.8	
Neutrophil	$10^3/\mu\text{L}$	2.505	9.77	2.94 - 12.67	Reticulocyte	$10^3/\mu\text{L}$	7	57	10 - 110
Lymphocyte %	%	6.4	45.4						
Lymphocyte	$10^3/\mu\text{L}$	0.56	3.48	1.06 - 4.95					