



## Bloedwaarden gestreept stinkdier (*Mephitis mephitis*)

## Bloodwork striped skunk (*Mephitis mephitis*)

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References; International Species Information System, IDEXX

Vet· Med· Lab, Faculteit Diergeneeskunde Universiteit Utrecht

Conventional USA Units				Other Units				
Substance	units	minimum	mean	maximum	units	minimum	mean	maximum
White blood cell count	*10 <sup>3</sup> /μl	1.590	6.939	14.20	*10 <sup>9</sup> /L	2.5	3.9	5.5
Red bloodcell count	*10 <sup>6</sup> /μl	4.4	7.7	10.4	*10 <sup>12</sup> /L	6.0	8.75	12.0
Hemoglobin	g/dl	7.9	12	16.5	mmol/L	9.3	10.4	11.2
Hematocrit	%	25	38	52.3	L/L	0.40	0.535	0.60
MVC	fL	39	50	63.6				
MCH	pg/cell	12.3	15.7	23.4	fmol	13.3	15.6	18.7
MCHC	g/dl	26.3	31.5	43	mmol/L	18.6	19.4	21.1
Platelet count	*10 <sup>3</sup> /μl	143	312	521	*10 <sup>9</sup> /L	300	683	900
Nucleated red blood cells	/100 WEC	0	3	8	/100 WBC	0	1	1
Reticulocytes	%	0	3	10.4				
Segmented neutrophils	*10 <sup>3</sup> /μl	0.204	3.513	8.950	%	29	59	82
Lymphocytes	*10 <sup>3</sup> /μl	0.594	2.631	6.710	%	12	25.9	50
Monocytes	*10 <sup>3</sup> /μl	0.033	0.241	0.854	%	0.0	3.0	6.0
Eosinophils	*10 <sup>3</sup> /μl	0.034	0.382	1.952	%	2	6	14
Basophils	*10 <sup>3</sup> /μl	0.000	0.069	0.122	%	0.01	0.17	0.3
Neutrophilic bands	*10 <sup>3</sup> /μl	0.000	0.216	0.900				
Calcium	mg/dl	7.0	9.6	12.3	mmol/L	1.93	2.5	3.08
Phosphorus	mg/dl	2.7	5.6	11.7	mmol/L	0.87	1.91	3.49
Sodium/Natrium	mEq/L	130	151	169	mmol/L	127	148	169
Potassium/Kalium	mEq/L	3.8	5.0	6.3	mmol/L	3.8	5.1	6.3
Chloride	mEq/L	99	113	125	mmol/L	27.2	30.4	36.7
Bicarbonate	mEq/L	24	25.5	27				
Carbon dioxide	mEq/L	18	24.3	33				
Osmolarity	mOsmol/L	299	302	305				
Magnesium	mg/dl	0.65	1.86	2.60	mmol/L	0.32	0.97	1.3
Blood urea nitrogen	mg/dl	9	25	113	mmol/L	2.5	5.1	8.9
Creatinine	mg/dl	0.4	0.8	2.9	μmol/L	27	44	124
Uric acid	mg/dl	0.0	1.1	2.8	mmol/L	0.0	65.43	164.54
Total bilirubin	mg/dl	0.1	0.2	1.2	μmol/l	2	4	10

Direct bilirubin	mg/dl	0.0	0.4	1.0				
Indirect bilirubin	mg/dl	0.0	0.1	0.2				
Glucose	mg/dl	43	106	259	mmol/L	3.3	4.8	7.7
Cholesterol	mg/dl	0	166	319				
Triglyceride	mg/dl	24	82	303				
Creatinine phosphokinase	IU/L	128	481	1235				
Lactate dehydrogenase	IU/L	173	870	3799				
Alkaline Phosphatase	IU/L	4	53	237	U /L	20	29	150
Alanine aminotransferase	IU/L	23	134	696	U/L	10	89	118
Aspartate aminotransferase	IU/L	41	83	337				
Gamma glutamyltransferase	IU/L	0	4	14				
Amylase	U/L	0	199	612				
Lipase	U/L	12	520	1520				
Total protein (colorometry)	g/dl	3.8	6.6	9.3	g/L	54	69	82
Globulin (colorometry)	g/dl	1.3	3.5	6.6	g/L	23	40	52
Albumin (colorometry)	g/dl	2.0	3.2	4.9	g/L	25	33	44
Gamma globulin (electrophoresis)	g/dl	2.6	2.6	2.6				
Albumin (electrophoresis)	g/dl	3.0	3.0	3.0				
Alpha-1 globulin (electrophoresis)	mg/dl	0.2	0.2	0.2				
Alpha-2 globulin (electrophoresis)	mg/dl	1.6	1.6	1.6				
Beta globulin (electrophoresis)	mg/dl	1.6	1.6	1.6				
Total triiodothyronine	ng/ml	0.4	11.3	42.0	nmol/L	0.2	0.5	0.8
Free triiodothyronine	pg/ml	2.7	2.7	2.7	pmol/L	4.2	6.1	7.6
Total thyroxine	µg/dl	0.8	3.3	6.6				