

Supporting Table S5. Organ weights, kcal and ascorbic acid content of a medium-sized woolly rhinoceros (~2,000 kg)^a

	Body%	g	Energy kcal/g	Total kcal	Vit C mg/g	Vit C in organs mg	Reference for Vit C	Reference for %organ wt	Reference for Energy
<i>Viscera</i>									
Adrenal	0.0154	230.0	0.680	209	0.392	90.2	Rodahl (1949) ^b	Crile and Quiring (1940) ^c	Estimated as testes
Bile	0.0398	796.4	0.045	36	0.01	8.0	Rodahl (1949) ^b	Kirton <i>et al.</i> (1972) ^d	Derived from Barrett (2012) ^e
Blood	3.4052	68,103.4	0.700	47,672	0.0007	47.7	Richmond <i>et al.</i> (1940) ^f	Awuk and Tamir (2007) ^f	Nollet and Toldrá (2011) ^f
Brain	0.0858	1716.0	1.234	2118	0.128	219.6	Rodahl (1949) ^b	Crile and Quiring (1940) ^g	Guil-Guerrero (2017) ^h
Digestive tract	5.8649	117,297.5	0.960	146,622	0.074	8680.0	Rodahl (1949) ^b	Crile and Quiring (1940) ^c	Kuhnlein and Soueida (1992) ⁱ
Epididymis	0.1098	2195.6	1.250	2744	0.042	92.2	Rodahl (1949) ^b	Bercovitch and Rodriguez (1993) ^j	Estimated as testes
Eyes	0.0300	600.0	3.260	1956	0.007	4.2	Rodahl (1949) ^b	Crile and Quiring (1940) ^g	USDA, FDC ID: 169801 ⁱ
Heart	0.6291	12,582.0	1.120	14,092	0.015	188.7	Fediuk <i>et al.</i> (2002) ⁱ	Crile and Quiring (1940) ^g	Kuhnlein and Soueida (1992) ⁱ ; Kuhnlein <i>et al.</i> (2002) ⁱ
Kidney	0.3932	7864.0	0.917	7209	0.059	464.0	Fediuk <i>et al.</i> (2002) ⁱ	Crile and Quiring (1940) ^g	Guil-Guerrero (2017) ^h
Liver	1.8755	37,510.0	1.240	46,512	0.104	3901.0	Fediuk <i>et al.</i> (2002) ⁱ ; Hassan <i>et al.</i> (2012) ⁱ	Crile and Quiring (1940) ^g	Kuhnlein <i>et al.</i> (2002) ⁱ
Lung	0.9633	19,266.0	1.090	21,000	0.081	1560.5	Rodahl (1949) ^b	Crile and Quiring (1940) ^g	Kuhnlein and Soueida (1992) ⁱ
Pancreas	0.1405	2810.0	2.350	6604	0.039	109.6	Rodahl (1949) ^b	Sebsibe <i>et al.</i> (2007) ^f	USDA, FDC ID: 169452 ^k
Spleen	0.4071	8142.1	0.901	7336	0.06	488.5	Rodahl (1949) ^b	Crile and Quiring (1940) ^b	Guil-Guerrero (2017) ^h
Testes	0.5160	10,320.6	0.680	7018	0.182	1878.4	Rodahl (1949) ^b	Kirton <i>et al.</i> (1972) ^d	USDA, FDC ID: 172619 ^d
Tongue	0.1891	3781.8	2600	9833	0.01	37.8	Rodahl (1949) ^b	Kirton <i>et al.</i> (1972) ^d	USDA, FDC ID: 168985 ⁱ
Thyroid	0.0069	138.0	0.680	94	0.038	5.2	Rodahl (1949) ^b	Crile and Quiring (1940) ^g	Estimated as testes
<i>Total viscera</i>		293,353.4	-	321,055	-	17,775.7	-	-	-
Bones	14.2750	285,500.0	-	-	-	-	-	Adamczewski <i>et al.</i> (1997) ^b	-
Bone marrow	2.5000	50,000.0	4.837	241,850	0.0000	0.0000	Hassan <i>et al.</i> (2012) ⁱ	Niemenen and Laitinen (1986) ⁱ	Guil-Guerrero (2017) ^h
Dissectible fat	17.7099	354,198.5	6.828	2,418,467	0.0000	0.0000	Geraci and Smith (1979) ⁱ ; Hassan <i>et al.</i> (2012) ⁱ	Adamczewski <i>et al.</i> (1997) ^b	Guil-Guerrero (2017) ^c
<i>Total fat</i>	20.2099	404,198.5		2,660,317	-	-	-	-	-
<i>Muscles</i>	41.9084	838,167.9	0.919	770,276	0.0050	4190.8	Lee <i>et al.</i> (2007) ^c ; USDA, FDC ID: 175086 ^c	Crile and Quiring (1940) ^b	Guil-Guerrero (2017) ^c
<i>Skin</i>	9.0043	180,086.2	3.5	630,302	0.0050	900.4	USDA, FDC ID: 2341308 ^l	Awuk and Tamir (2007) ^f	USDA, FDC ID: 2341308 ^l
<i>Rest</i> ^m	3.6675	10,452.4	1.000	10,452	0.0010	10.5	Estimated	Estimated	Estimated

^a Body live weight from van Geel *et al.* (2019); ^b Muskox sample; ^c Horse sample; ^d Sheep sample; ^e Based on 0.51% fats in bile; ^f Goat sample; ^g Rhinoceros sample; ^h Mean for several food animals; ⁱ *Rangifer* sample; ^j Macaco sample; ^k Beef sample; ^l Pork skin rinds; ^m Tendon, blood vessels, etc.

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