

Measurand	Sample Type	Reference	Health Status	Breed(s)	Subjects (n)	CV _I (%)	CV _G (%)	CV _A (%)	II	RCV (95%)	Comments
					Samples			Source	Category	RCV (99%)	
Frequency											
Albumin	Plasma (heparin)	27	healthy	<i>Haliaeetus leucocephalus</i>	16	4.9	21.4	not reported	4.4	13.5	Long term study - annual collections over 12 years; change of biochem analyzer (Kodak Ektachem 700XR to Orthos Vitros 250) - no differences found in validation process
					12			not reported	High	17.8	
					annually						
Aspartate aminotransferase (AST)	Plasma (heparin)	27	healthy	<i>Haliaeetus leucocephalus</i>	16	not reported	41.7	not reported	not able to calculate	not able to calculate	Long term study - annual collections over 12 years; change of biochem analyzer (Kodak Ektachem 700XR to Orthos Vitros 250) - no differences found in validation process
					12			not reported			
					annually						
Calcium	Plasma (heparin)	27	healthy	<i>Haliaeetus leucocephalus</i>	16	1.6	7.0	not reported	4.3	4.5	Long term study - annual collections over 12 years; change of biochem analyzer (Kodak Ektachem 700XR to Orthos Vitros 250) - no differences found in validation process
					12			not reported	High	5.9	
					annually						
Creatine Kinase (CK)	Plasma (heparin)	27	healthy	<i>Haliaeetus leucocephalus</i>	16	10.1	51.4	not reported	5.1	28.1	Long term study - annual collections over 12 years; change of biochem analyzer (Kodak Ektachem 700XR to Orthos Vitros 250) - no differences found in validation process
					12			not reported	High	37.0	
					annually						

Glucose	Plasma (heparin)	27	healthy	<i>Haliaeetus leucocephalus</i>	16	6.4	12.4	not reported	1.9	17.7	Long term study - annual collections over 12 years; change of biochem analyzer (Kodak Ektachem 700XR to Orthos Vitros 250) - no differences found in validation process
					12			not reported	High	23.3	
					annually						
Pre-albumin	Plasma (heparin)	27	healthy	<i>Haliaeetus leucocephalus</i>	16	22.0	84.3	not reported	3.8	60.9	Long term study - annual collections over 12 years; change of biochem analyzer (Kodak Ektachem 700XR to Orthos Vitros 250) - no differences found in validation process
					12			not reported	High	80.3	
					annually						
Total protein	Plasma (heparin)	27	healthy	<i>Haliaeetus leucocephalus</i>	16	5.6	17.0	not reported	3.0	15.6	Long term study - annual collections over 12 years; change of biochem analyzer (Kodak Ektachem 700XR to Orthos Vitros 250) - no differences found in validation process
					12			not reported	High	20.5	
					annually						
Uric Acid	Plasma (heparin)	27	healthy	<i>Haliaeetus leucocephalus</i>	16	27.6	53.7	not reported	1.9	76.5	Long term study - annual collections over 12 years; change of biochem analyzer (Kodak Ektachem 700XR to Orthos Vitros 250) - no differences found in validation process
					12			not reported	High	100.8	
					annually						
α -1 globulin	Plasma (heparin)	27	healthy	<i>Haliaeetus leucocephalus</i>	16	9.3	23.6	not reported	2.5	25.6	Long term study - annual collections over 12 years; Beckman Paragon SPEP-II gel system
					12			not reported	High	33.8	
					annually						

α -2 globulin	Plasma (heparin)	27	healthy	<i>Haliaeetus leucocephalus</i>	16	11.1	43.6	not reported	3.9	30.8	Long term study - annual collections over 12 years; Beckman Paragon SPEP-II gel system
					12			not reported	High	40.6	
					annually						
β globulin	Plasma (heparin)	27	healthy	<i>Haliaeetus leucocephalus</i>	16	9.4	28.7	not reported	3.0	26.1	Long term study - annual collections over 12 years; Beckman Paragon SPEP-II gel system
					12			not reported	High	34.4	
					annually						
γ globulin	Plasma (heparin)	27	healthy	<i>Haliaeetus leucocephalus</i>	16	25.6	26.3	not reported	1.0	71.0	Long term study - annual collections over 12 years; Beckman Paragon SPEP-II gel system
					12			not reported	Intermediate	93.5	
					annually						