

Clinical Pathology Records - Specimen Report
KANSAS CITY ZOOLOGICAL PARK

LOXODONTA AFRICANA (no subsp)
African elephant
Name: PENNEY

Sex: Female Acc. #: 116
Age: 45Y 11M Est Birth: 17.Sep.1961

Collection Information >>

Health Status: Abnormal
Fasting Time: < 8 hours
Activity: Active
Weight: 2586 Kg on 6.Sep.1983
Manual restraint used.

Date of Collection: 11.Oct.2005
Time of Collection: 9:00.0
Collected by:
Sample Collection Site: EAR VEIN

Hematology >>

Analysis Information >>

Anticoagulant: EDTA
Storage: Refrigerated (<48 hours)
Sample Quality: No quality problems.

Laboratory: ANTECH
Date of Analysis: 12.Oct.2005
Time of Analysis:
Analysis by:
Automated analysis.

Tests and Results >>

WHITE BLOOD CELL COUNT	9.7		*10 ³ /UL
RED BLOOD CELL COUNT	2.8		*10 ⁶ /UL
HEMOGLOBIN	< 10.9		GM/DL
HEMATOCRIT	35		%
MCV	125		fL
MCH	< 38.9		uug
MCHC	< 31.1		gm/dL
SEGMENTED NEUTROPHILS	> 56	(5.432)	% (*10 ³ /UL)
LYMPHOCYTES	30	(2.910)	% (*10 ³ /UL)
MONOCYTES	14	(1.358)	% (*10 ³ /UL)
EOSINOPHILS	0		% (*10 ³ /UL)
BASOPHILS	0		% (*10 ³ /UL)
ESTIMATED PLATELET COUNT	ADEQ		
PLATELET COUNT	320		*10 ³ /UL
ABSOLUTE BASOPHILS	0		/UL
ABSOLUTE EOSINOPHILS	0		\UL
ABSOLUTE LYMPHOCYTES	2910		/UL
ABSOLUTE MONOCYTES	1358		/UL
ABSOLUTE SEGS	5432		/UL
FIBRINOGEN	300		MG/DL
MEAN CORPUSCULAR HEMOGLOBIN	39.6		UUG
MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION	31		%
MEAN CORPUSCULAR VOLUME	125		U(3)

Comments >>

RBC Morph: Normal

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Chemistry >>
Analysis Information >>
Chemistry Sample: Serum
Storage: Refrigerated (<48 hours)
Sample Quality: No quality problems.
Laboratory: ANTECH
Date of Analysis: 12.Oct.2005
Time of Analysis:
Analysis by:
Automated analysis.

Tests and Results >>

	GLUCOSE	83	MG/DL
	BLOOD UREA NITROGEN	11	MG/DL
	CREATININE	1.1	MG/DL
	BUN/creatinine ratio	10.0	
	CALCIUM	> 11.7	MG/DL
	PHOSPHORUS	4.7	MG/DL
	calcium/phosphorus ratio	2.49	
	SODIUM	130	MEQ/L
	POTASSIUM	4.9	MEQ/L
	sodium/potassium ratio	26.5	
	CHLORIDE	88	MEQ/L
	CHOLESTEROL	62	MG/DL
	TOTAL PROTEIN (COLORIMETRY)	7.4	GM/DL
	ALBUMIN (COLORIMETRY)	< 3.1	GM/DL
	GLOBULIN (COLORIMETRY)	4.3	GM/DL
	albumin/globulin ratio	0.721	
	ASPARTATE AMINOTRANSFERASE	19	IU/L
	TOTAL BILIRUBIN	0.2	MG/DL
	ALKALINE PHOSPHATASE	< 55	IU/L
	LACTATE DEHYDROGENASE	437	IU/L
	CREATINE PHOSPHOKINASE	254	IU/L
	ALBUMIN GLOBULIN RATIO	0.7	GM/DL
	BUN/CREATININE RATIO	10	MG/DL
	GAMMA GLUTAMYLTRANSFERASE	9	IU/L
	SODIUM/POTASSIUM RATIO	27	RATIO

Comments >>

Mild transient anemia without evidence of blood loss - to monitor and repeat sampling. Mild increase in fibrinogen. WKS.