

Lewis

Meadowlands Veterinary Hospital

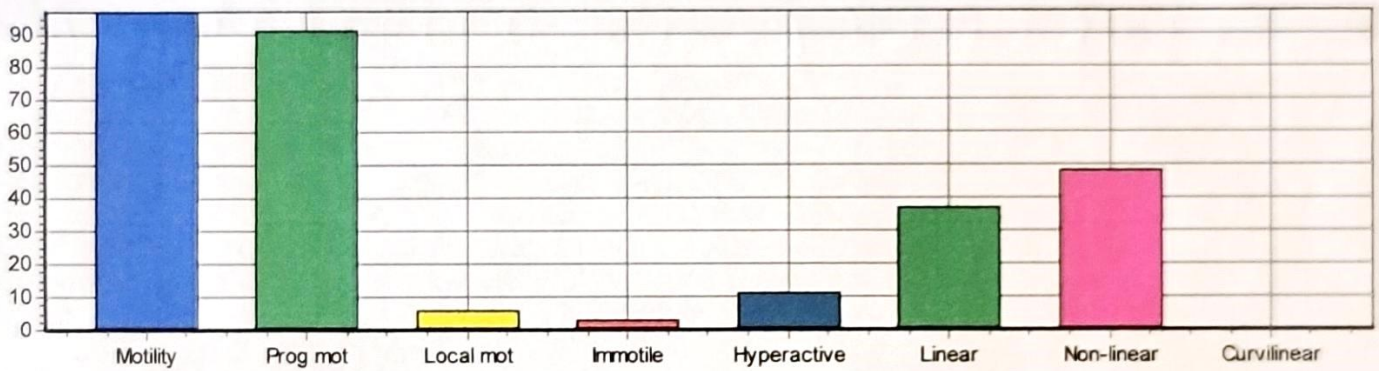
Motility Information

Collection Date: 08/04/2023

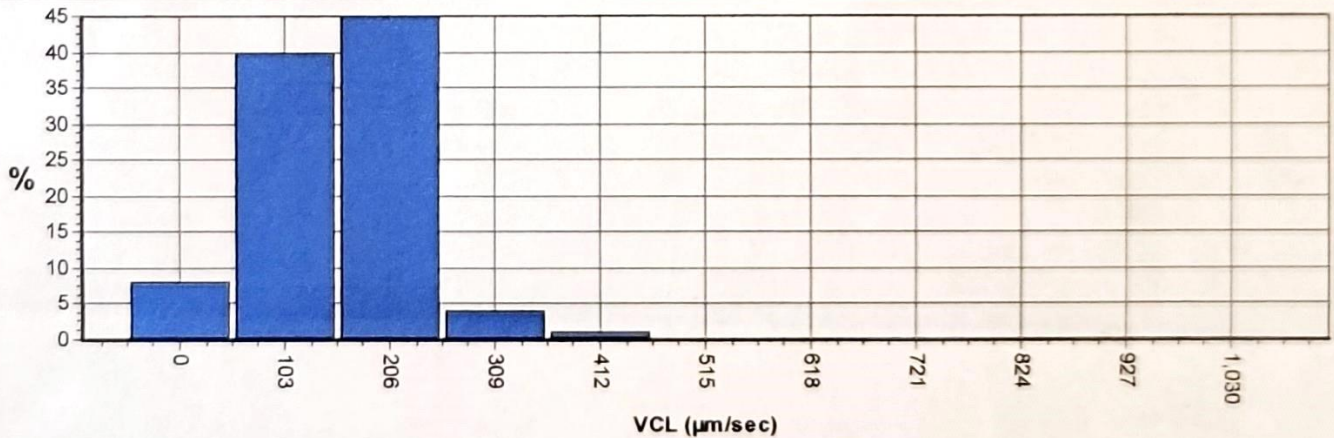
Average Cell Analysis Information - 2102 Cells Analyzed 08/04/2023 11:49:38 AM

Sperm Concentration: 163.1 million/ml	Motility: 97.24 %	Local motility: 6.04 %
Total Sperm: 1,467.90 million	Progressive motility: 91.19 %	Immotile: 2.77 %
Viable Sperm: 1,427.39 million		
VCL: 212.90 $\mu\text{m}/\text{sec}$	LIN: 0.41	BCF: 24.25 hertz
VAP: 116.00 $\mu\text{m}/\text{sec}$	STR: 0.76	ALH: 8.91 μm
VSL: 89.08 $\mu\text{m}/\text{sec}$		

Cell Classification Chart



VCL Distribution



Value	0.00	103.00	206.00	309.00	412.00	721.00	927.00	1030.00
%	8	40	45	4	1	0	0	0
Cum. %	8	48	93	97	99	99	100	100

Minimum: 22.29

Average: 212.90

Q1: 169.30

Maximum: 1048.00

Median: 207.40

Q3: 236.30

Standard deviation: 103.50

IQR: 66.95