



## SEMEN COLLECTION FOR FREEZE REPORT

### COLLECTION CENTRE

Business	Kallangur Veterinary Surgery
Address	1474 Anzac Ave, Kallangur, Qld, 4503
Phone	07 32044332
Email	kallangurvet@gmail.com

### OWNER DETAILS

Owner	Carolyn Neal
Address	17 Wonga Circuit, Beerwah, Qld, 4519
Phone	0412653233
Email	bellamiscela@hotmail.com

### DOG DETAILS

“Zeus”

Pedigree Name	Kolorko Ragazzo Bianco E Nero
Breed	Border Collie
Registration No.	4100400136
Microchip No.	953010006710454

### TOTAL COLLECTION DETAILS

Date Collected	3/12/2025
Ejaculate Volume	7.5 mL
Initial Motility	70 %
Sperm Concentration	149x10 <sup>6</sup> /mL
Total Sperm	1117 x10 <sup>6</sup>

### PROCESSING DETAILS

Date Chilled	
Diluted Volume	mL
Chilled Motility	%
Diluted Concentration	x10 <sup>6</sup>
Total cells	x10 <sup>6</sup>

**Comments** – Zeus is a 18-month-old male. There are 2 scrotal testes of good tone. Epididymides palpate as normal. Semen was collected with a bitch in oestrus present. There was good libido, with normal ejaculatory behaviour. The penis was of normal form and function.

**Morphology** – Morphology was as follows: 76% Normal, 6% DMR, 4% PD, 4% Coil, 4% Abnormal Head, and 6% Loose Head.

**Summary** – This ejaculate produced 1117 x10<sup>6</sup> total cells. The volumes and concentration were acceptable. The semen was centrifuged, the supernatant removed, and Uppsala 1 added. The

Uppsala 1 + semen and Uppsala 2 were chilled to 5 deg C over 90 minutes. The Uppsala 2 was placed separately into the esky. Post dilution concentration will be  $170 \times 10^6$

**Post-thaw result** – 19 straws x 0.25 mL straws at 30% motile (30/60/3). This equates to  $12 \times 10^6$  live sperm/straw post-thaw.

**Insemination dose** – 12 straws will provide  $144 \times 10^6$  live sperm post thaw. While  $100 \times 10^6$  is currently the industry standard for intrauterine insemination, there is evidence that better pregnancy rates are achieved up until  $150 \times 10^6$  live sperm.

**Recommendations** – 12 straws/dose will provide 1 insemination dose, with 7 straws remaining. Thaw media is not essential but may be beneficial. If available 1mL of Minitube Enhance is recommended.

A handwritten signature in black ink that reads "Scott Norman". The signature is written in a cursive, flowing style.

Scott Norman  
(BVSc, PhD, DipACT, GCEd, MANZCVS)  
Registered Specialist in Veterinary Reproduction