

International Canine Semen Bank (ICSB)

P.O. Box 651

Sandy, Oregon 97055

(503) 663-7031 CLINICIAN: Christina Platz, Associate

## Canine Semen Laboratory Evaluation

Name of Dog: Bayside Run's Boudain

Registration: Munsterland Club of North America Breed: Small Munsterlander Age: 6 years

Reg. No. 9909001-KLM Color: Date of Birth: 9-2-99 Proven: yes no

Owner(s): Mark Bulvanoski

SEMEN ANALYSIS: Date of Collection: 10-19-05 Volume: 25.0 ml

Color: Yellow (Cryo-Media) Viscosity: (1) 2 3 4 (1 = Watery)

Percent motility: 95% Progressive motility 0 1 2 3 4 (5) (5 = rapid forward progression)

Sperm count/ml: 54 million per ml Total sperm count: 1.35 billion

### Morphology

#### PRIMARY ABNORMALITIES

Abnormal acrosome: 0%  
Abnormal Midpiece: 0%  
Truncated: 0%  
Abaxial flagellar attachment: 0 %  
Bicephalic: 0%  
Biflagellate: 0%  
Pyriform: 0%  
Megasperm: 0%  
Microsperm: 0%  
Abnormal head attachment: 0%  
Swollen Neck: 0%

#### TERTIARY ABNORMALITIES

Bent Flagella/Necks: 2%

#### SECONDARY ABNORMALITIES

Immature Sperm 0%  
Detached Heads 0%  
Coiled Sperm 0%

#### TOTALS:

Total Primary Abnormal = 0%  
Total Secondary Abnormal 0%  
Total Tertiary Abnormal = 2%  
**TOTAL ABNORMAL = 2%**  
**TOTAL NORMAL = 98%**

#### Other:

White Blood Cells: 0 per 400X Red Blood Cells: 0 per 400X

Spermatocytes: 0 per 400X Cellular Debris (light) moderate heavy

Remarks: All parameters measured are within normal ranges for the Small Munsterlander.