Sperm Motility Analysis Worksheet

Lot #: ___________ Date: ___________ Analyst: ____________________________

Static Method – Grade each sperm as follows:
Section 1: Fresh semen sample
   # Non-motile sperm: _______
   # Non-progressive sperm: _______

Section 2: Immobilized semen sample
   # Total sperm (immobilized): _______

Calculations:
% Total Motility:
   # Motile sperm = # Total sperm - # Non-motile sperm
   % Motile = \( \frac{\text{# Motile sperm}}{\text{# Total sperm}} \times 100 \)

% Progressive Motile sperm:
   # Total sperm - (# Non-motile + Non-progressive sperm) = _______ # Progressive sperm
   % Progressive Motile = \( \frac{\text{# Progressive sperm}}{\text{# Total sperm}} \times 100 = \% \text{ Progressive Motile} \)

# Motile: ___________ # Progressive sperm: ___________
% Motile: ___________ % Progressively motile: ___________

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Results of QC:

Plotted: [ ] Acceptable: [ ] Corrective Action needed: [ ]

Reviewed by: __________________________ Date: ___________