



Made in the USA

AndroPRO[®] ChillGuard ST

Culture Medium for Chilled Canine Semen Preservation

Protocol



13574/0305

Contains: Water, sodium citrate, TRIS, glucose, fructose, proprietary factors, and Gentamicin

Extender Preparation: Equilibrate the AndroPRO[®] ChillGuard ST extender to the same temperature of the semen. *Example: If fresh semen is at body temperature, bring AndroPRO ChillGuard ST extender to body temperature.*

Extend semen: Use only the sperm-rich fraction of the ejaculate. See washing instructions below if the sperm-rich fraction is contaminated before final extension. Evaluate semen for concentration and motility. Add AndroPRO ChillGuard ST extender at a ratio of 1 part semen to 3-5 parts extender (higher extension for highly concentrated semen). Store extended semen at 5°C for a minimum of 2 hours prior to packaging for shipment. It is recommended to recheck motility before packaging and shipping to confirm preservation and extender compatibility with semen. Retain a control aliquot from the extended semen for quality control verification.

Washing

To wash, add 1-3 parts volume of AndroPRO ChillGuard ST extender to 1 part semen (1:3 V/V) and centrifuge at 700 x g for 10-15 minutes. Discard supernatant and slowly re-suspend the semen pellet using a volume of 3-5 parts AndroPRO ChillGuard ST to the initial volume of the sperm-rich fraction based on concentration.

Insemination

Vaginal Insemination: Recommended for fresh or chilled semen. Use a total volume of 2 to 5 ml for dogs < 10 kg, 5 to 10 ml for dogs < 20 kg, and up to 20 ml for dogs >20 kg. If the volume of extended semen is lower than recommended, extend additionally with AndroPro AI (13574/0370). Inseminate slowly using a Mavic catheter (120mm-17500/0052, 250mm-17500/0050, 400mm-17500/0055). Rapid injection may result in significant reflux.

Uterine Insemination (transcervical insemination or TCI): Recommended for thawed semen and can also be used for fresh or chilled semen. Use 1-10 ml depending on size of dog and semen concentration. If the volume of extended semen is lower than recommended, extend additionally with AndroPro AI (13574/0370). Inseminate slowly over 2-5 minutes to avoid reflux.

Storage

Store at +2°C to +8°C. Use aseptic techniques when withdrawing extender from the vial. Do not use past expiration date.

WARNING: KEEP THE PRODUCT OUT OF THE REACH OF CHILDREN. THIS PRODUCT IS NOT SUITABLE FOR HUMAN OR ANIMAL CONSUMPTION OR FOR DRUG OR CLINICAL USE. NOT FOR INJECTION.

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