



ViGro Culture Media by Bioniche are complete solutions which require no additives or mixing.

ViGro Complete Flush Medium

- Complete, ready-to-use medium. No serums, antibiotics or refrigeration required.
 - Recommended for embryo recovery in bovine and equine
- Complete, ready to use solution utilizing PVOH (polyvinyl alcohol).

Formulation: PVOH, gentamycin and kanamycin antibiotics and phenol red as a pH indicator.

EVM014	1 case of ten 1 liter bags
	6 or more cases
EVM014A	1 liter bag
EVM015	1 case of six 2 liter bags
	6 or more cases
EVM015A	A single 2 liter bag

ViGro Rinsing Solution

ViGro Rinsing Solution is used for washing (rinsing) embryo collection filters at the end of the collection, although embryos usually do not stick to the filter. A fast and effective way to do this is to fill a 20ml syringe with Rinsing Solution and spray the surface of the filter while holding the filter over a clean searching dish.

Recommended storage: 15 to 30°C, however it will not be harmed by refrigeration. Do not freeze.

EVM100	1 case of ten 1 liter bags
	6 or more cases
EVM100A	1 liter bag

ViGro Holding Plus

- Designed to support optimal embryo survival at room temperature
- Closely resembles those fluids found in the reproductive tract

Holding Plus is not an appropriate medium for long-term culture of bovine embryos in a CO2 incubator. Store refrigerated 2 to 5C. 2 day transit.

EVM024	50ml bag
	6 or more bags
EVM824	8ml plastic tube, 6 plastic tubes/box
	4 or more boxes

SYNGRO Holding Media

- Room temperature storage
- Non-animal origin formulation.
- Approved for use with bovine and equine embryos.

No Refrigeration Required!

Formulation: The product contains hyaluronan, a linear polysaccharide of alternating D-glucaronic acid and N-acetyl-D-glucosamine. Embryos have been shown to have surface receptors for hyaluronan, which is involved in the regulation of gene expression, cell proliferation and cell differentiation. This product does not contain materials of animal origin.

Recommended use: Embryos should be recovered from the flushing solution and transferred to a covered petri dish containing SYNGRO Holding. Embryos can be held at room temperature for up to 9 hours or up to 20 hours at 4°C. Embryos can be transferred using a straw containing SYNGRO Holding.

Recommended storage: 15 to 30°C, room temperature. Does not require refrigeration.

ESM824	8ml plastic tubes, 6 plastic tube pack
	6 or more packs
ESM024	50ml bag
	6 or more bags

ViGro Ethylene Glycol Freeze Plus with Sucrose

- Zero step thaw

Ethylene glycol moves across cell membranes more readily than glycerol so embryos can be transferred directly into recipients without removing the embryo from the straw.

Formulation: 1.5M ethylene glycol and 0.4% BSA. Store refrigerated 2 to 5C. 2 day transit.

EVM234	20ml bag
	6 or more bags
EVM834	8ml plastic tube, 6 plastic tubes/box
	4 or more boxes
EVM034	50ml bag

ViGro One-Step Thaw

- Rapid re-hydration of embryos

The use of a 1M sucrose solution for the rapid one-step re-hydration of embryos is convenient for thawing embryos frozen in glycerol solution.

Formulation: 1M sucrose. Store refrigerated 2 to 5C. 2 day transit.

EVM247	20ml bag
	6 or more bags
EVM847	8ml plastic tube/6 tubes per box
	4 or more boxes

ViGro Thaw 1, 2, 3 Plus

- Ideal for embryos with compromised zonae
- Excellent safety factor on cold days when glycerol diffusion from embryos is slower and on hot days when higher sucrose concentrations may be detrimental.

The ViGro thawing program consists of three pre-mixed solutions which are used in sequence to ensure the safe and gentle thawing of frozen embryos. The three formulations contain decreasing concentrations of glycerol (5.0%, 2.5% and 0%) and carefully selected concentrations of sucrose (0.5M, 0.5M and 0.6M).

Formulation: (5.0%, 2.5% and 0% glycerol) (0.5M, 0.5M and 0.6M sucrose).

Store refrigerate 2 to 5C. 2 day transit.

EVM248	Three 20ml bags/thaw kit
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