

ABT COMPLETE FLUSH



No additives required as this product includes antibiotics and surfactant.
FOR VETERINARY USE ONLY.
NOT FOR INJECTION.

USE ONLY IF SOLUTION IS CLEAR AND PACKAGING AND PORTS ARE INTACT.
READ PRODUCT INSERT BEFORE USE.
RECOMMENDED STORAGE: 15-30°C

Manufactured by:
ABT 360, LLC
PULLMAN, WA, USA
509.592.8144
www.abt360llc.com

For all of your Embryo Transfer media needs

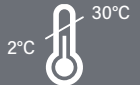
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ABT ITEM #	PRODUCT	Bovine, Equine, Mixed	QTY/ CASE	SHELF LIFE FROM DATE OF MFR	STORAGE/ SHIPPING TEMPS
ABT014	ABT COMPLETE FLUSH, 1 LITER	M	10	24 MO	2-30 °C
ABT015	ABT COMPLETE FLUSH, 2 LITER	M	6	24 MO	2-30 °C
ABT018	ABT COMPLETE FLUSH, 4 LITER	M	3	24 MO	2-30 °C
ABT024	ABT HOLDING, 50 ML	M	20	18 MO	2-8 °C
ABT224	ABT HOLDING, 20 ML	M	40	18 MO	2-8 °C
ABT724	ABT HOLDING, 7 ML 5/PK	M	20	18 MO	2-8 °C
ADA024	ADAPT HOLDING WITH HA, 50 ML	M	20	18 MO	2-30 °C
ADA724	ADAPT HOLDING WITH HA, 7 ML 5/PK	M	20	18 MO	2-30 °C
ABT034	ABT ETHYLENE GLYCOL FREEZE WITH SUCROSE, 50 ML	B	20	18 MO	2-8 °C
ABT234	ABT ETHYLENE GLYCOL FREEZE WITH SUCROSE, 20 ML	B	40	18 MO	2-8 °C
ABT734	ABT ETHYLENE GLYCOL FREEZE WITH SUCROSE, 7 ML 5/PK	B	20	18 MO	2-8 °C
ABT035	ABT ETHYLENE GLYCOL FREEZE WITHOUT SUCROSE, 50 ML	B	20	18 MO	2-8 °C
ABT235	ABT ETHYLENE GLYCOL FREEZE WITHOUT SUCROSE, 20 ML	B	40	18 MO	2-8 °C
ABT735	ABT ETHYLENE GLYCOL FREEZE WITHOUT SUCROSE, 7 ML 5/PK	B	20	18 MO	2-8 °C
ABT032	ABT FREEZE, 50 ML (GLYCEROL)	B	20	18 MO	2-8 °C
ABT232	ABT FREEZE, 20 ML (GLYCEROL)	B	40	18 MO	2-8 °C
ABT732	ABT FREEZE, 7 ML 5/PK (GLYCEROL)	B	20	18 MO	2-8 °C
ADA034	ADAPT EG FREEZE WITH SUCROSE & HA, 50 ML	B	20	18 MO	2-30 °C
ADA734	ADAPT EG FREEZE WITH SUCROSE & HA, 7 ML 5/PK	B	20	18 MO	2-30 °C
ABT030	ABT EQUINE VITRIFICATION KIT 4X8 ML	E	N/A	18 MO	2-30 °C
ABT247	ABT 1 STEP THAW, 20 ML (1.0M SUCROSE)	B	40	18 MO	2-8 °C
ABT747	ABT 1 STEP THAW, 7 ML 5/PK (1.0M SUCROSE)	B	20	18 MO	2-8 °C
ABT248	ABT 3 STEP THAW KIT, 20 ML	B	N/A	18 MO	2-8 °C
ABT748	ABT 3 STEP THAW KIT, 7 ML SINGLE	B	N/A	18 MO	2-8 °C
ABT100	ABT RINSING SOLUTION, 1 LITER	M	10	24 MO	2-30 °C
ABT064	ABT SPLITTING, 50 ML	B	N/A	18 MO	2-30 °C
ABT050	ABT TRYPSIN WASH .25%, 5 ML minimum order quantity 3 vials	B	N/A	9 MO	FROZEN
ABT020	ABT PVA CONCENTRATE 10%, 20 ML	M	40	18 MO	2-30 °C
ABT070	ABT TL HEPES, 500 ML		N/A	18 MO	2-30 °C



ABT COMPLETE FLUSH

24 months from manufacture



ABT Complete Flush is designed for the collection of embryos from cattle and horses. ABT's formulation contains polyvinyl alcohol (PVA) for its surfactant properties and does not contain any components of animal origin and no additives are required. This solution is filtered to 0.2uM so there is no need for additional filtering before use.

Our durable EVA bags have a spike port and a non-latex needle septum removable cap.

Key ingredients: ultra-purified water, PVA surfactant, gentamycin as an antibiotic, energy sources, and heavy metal chelators. Hepes buffered.

Product

ABT014

ABT015

ABT018

Size

1 Liter bag

2 Liter bag

4 Liter bag



ABT HOLDING

18 months from manufacture



ABT Holding medium was developed to provide embryos with a sustainable and healthy environment after collection and before transfer or freezing. While ABT Holding is not meant to act as an extended culture medium for incubation, it does contain a variety of components such as amino acids, nutrients, and energy sources that facilitate embryo viability. ABT Holding is suitable for use with bovine and equine embryos.

Key ingredients: ultra-purified Type 1 water, amino acids, energy sources, gentamycin as an antibiotic, and certified New Zealand sourced bovine serum albumin (BSA). Hepes buffered.

Product

ABT024

ABT224

ABT724

Size

50 mL bag

20 mL bag

7 mL bottle, 5/pk



ADAPT HOLDING WITH HA

18 months from
manufacture



ABT's ADAPT HOLDING with HA medium provides embryos a sustainable and healthy environment after collection and before transfer or freezing. We've adapted our ABT Holding formulation by excluding components of animal origin, helping to alleviate concerns about temperature-controlled shipping and storage. Suitable for use with bovine and equine embryos.

**For specific seeding instructions please read the product insert included in each shipment.*

Key ingredients: ultra-purified Type 1 water, amino acids, energy sources, and gentamycin as an antibiotic. Hyaluronan (HA), a macromolecule replaces bovine serum albumin which is commonly used in other embryo transfer media. Hepes buffered.

Product

ADA024

ADA724

Size

50 mL bag

7 mL bottle, 5/pk

ABT ETHYLENE GLYCOL FREEZE

18 months from
manufacture



ABT Ethylene Glycol Freeze is formulated for the cryopreservation of bovine embryos when direct transfer or single-step thaw is required.

Key ingredients: ultra-purified Type 1 water, 1.5M ethylene glycol, gentamycin as an antibiotic, and certified New Zealand sourced bovine serum albumin (BSA). Available with or without 0.1M sucrose. HEPES buffered.

Product #	Size	
	With Sucrose	Without Sucrose
ABT034	ABT035	50 mL bag
ABT234	ABT235	20 mL bag
ABT734	ABT735	7 mL bottle, 5/pk

ABT FREEZE, (10% GLYCEROL)

18 months from manufacture



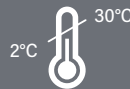
ABT Freeze (10% Glycerol) is used for cryopreservation of bovine embryos and contains 10% glycerol and 0.1M sucrose to help cells from over expanding. Rehydration is required when thawing.

Key ingredients: ultra-purified Type 1 water, amino acids, energy sources, gentamycin as an antibiotic, 10% glycerol, 0.1M sucrose, and certified New Zealand sourced bovine serum albumin (BSA). HEPES buffered.

Product #	Size
ABT032	50 mL bag
ABT232	20 mL bag
ABT732	7 mL bottle, 5/pk

ADAPT EG FREEZE with SUCROSE & HA

18 months from
manufacture



ABT's ADAPT EG Freeze with Sucrose & HA medium is formulated for cryopreservation of bovine embryos when direct transfer or single-step thaw is required. We've adapted our ABT Ethylene Glycol Freeze with Sucrose formulation by excluding components of animal origin, helping to alleviate concerns about temperature-controlled shipping and storage.

**For specific seeding instructions please read the product insert included in each shipment.*

Key ingredients: ultra-purified Type 1 water, 1.5M ethylene glycol, hyaluronan (HA), a macromolecule which replaces bovine serum albumin (BSA), 0.1M sucrose, gentamycin as an antibiotic. HEPES buffered.

Product

ADA034

ADA734

Size

50 mL bag

7 mL bottle, 5/pk

ABT EQUINE VITRIFICATION KIT

18 months from
manufacture



ABT's Equine Vitrification Kit was developed to rapidly freeze in-vivo derived equine embryos for long-term storage. Based on technology developed by Colorado State University.

Key ingredients: ultra-purified Type 1 water and gentamycin as an antibiotic.

VS1 contains 1.4 M glycerol

VS2 contains 1.4 M glycerol + 3.6 M ethylene glycol

VS3 contains 3.4 M glycerol + 4.6 M ethylene glycol

Diluent contains 0.25 M galactose

Product

ABT030

Size

4 x 8 mL glass vials (1 each)

ABT 1 STEP THAW (1M SUCROSE)

18 months from
manufacture



ABT's 1 Step Thaw medium is intended to be used for controlled single step rehydration of bovine embryos that have been frozen in 10% glycerol.

Key ingredients: ultra-purified Type 1 water, 1M sucrose, and gentamycin as an antibiotic. Hepes buffered.

Product

ABT247

ABT747

Size

20 mL bag

7 mL bottle 5/pk

ABT 3 STEP THAW KIT

18 months from manufacture



ABT's 3 Step Thaw Kit is made up of 3 different solutions and is intended for controlled rehydration of bovine embryos that have been frozen in 10% glycerol.

Key ingredients: ultra-purified Type 1 water and gentamycin as an antibiotic. Hepes buffered.

Thaw 1 contains 0.5M sucrose, 5% glycerol

Thaw 2 contains 0.5M sucrose, 2.5% glycerol

Thaw 3 contains 0.6M sucrose, 0% glycerol

Product

ABT248

ABT748

Size

20 mL bag

7 mL bottle

ABT RINSING SOLUTION

24 months from manufacture



2°C



30°C



ABT's Rinsing Solution is used for rinsing embryo collection filters after the flushing procedure is completed. The formulation is the same as our ABT Complete Flush, but excludes PVA to help avoid foaming during use, making embryo searching more efficient by not having to wait for bubbles to clear.

Key ingredients: ultra-purified water, gentamycin as an antibiotic, energy sources and heavy metal chelators. Heses buffered.

Product #
ABT100

Size
1 Liter bag

ABT SPLITTING

18 months from manufacture



2°C



30°C



ABT Splitting is a modified DMPBS solution which allows the bovine embryo to form an electrostatic attraction to the bottom of a tissue culture dish, securing the embryo during bisection without the use of a holding pipette.

Key ingredients: ultra-purified Type 1 water, EDTA, and gentamycin as an antibiotic.

Product #
ABT064

Size
50 mL bag

ABT TRYPSIN WASH (0.25%)

9 months from manufacture



FROZEN



Specified by the bovine embryo import protocols of many countries, Trypsin is used prior to cryopreservation to remove/deactivate several different viruses that may be on the surface of the zona pellucida.

Product #
ABT050

Size
5 mL cryovial

ABT PVA CONCENTRATE 10%

18 months from manufacture



2°C



30°C



When added to Lactated Ringers or Hartmann Saline Solution, polyvinyl alcohol's (PVA) surfactant properties help prevent embryos from sticking to tubing, filters, or dishes after collection.

Product #
ABT020

Size
20 mL bag

ABT TL HEPES

18 months from manufacture



2°C



30°C



ABT TL HEPES is a medium used for rinsing oocytes in certain steps of IVF protocols. This product does not contain BSA.

Product #
ABT070

Size
500 mL bottle

PACKAGING INFORMATION

We source gamma irradiated, non-toxic, clear materials for packaging all our products.

Tight quality control standards equal consistent results. The ABT 360 production laboratory is a clean room environment implementing strict quality control practices, ensuring consistency and quality from lot to lot. Media is serially ultra-filtered and packaged, ensuring that additional filtering is not required before use. Tight quality control standards equal consistent results.

BAGS

- 1, 2, and 4 Liter sizes – Durable EVA (ethylene vinyl acetate) bag with non-latex needle septum removable cap.
- 20 mL and 50 mL sizes – Durable EVA (ethylene vinyl acetate) bag with non-latex needle septum removable cap.

BOTTLES

- 7 mL size – LDPE (low-density polyethylene) dropper style bottles with screw-on lid. All 7 mL products are intended for SINGLE USE.
- 8 mL size – Glass vials capped with a rubber plug and aluminum crimp.
- 500mL size – High-density PETG (polyethylene terephthalate glycol) bottles with screw on tamper proof cap.
- 5mL size – PP (Polypropylene) cryogenic vial with screw on cap.

ABOUT ABT 360

ABT 360, LLC is a US based veterinary embryo transfer media manufacturer, established in 2017. Much like its predecessor, AB Technology, which established itself in Pullman, Washington in 1990, ABT 360 will strive to provide you with quality and consistency in their product and back those same products with exceptional customer service.

Formed with integrity and experience, ABT 360 will support all your embryo transfer media needs. We look forward to continuing our relationships with the veterinary reproduction community.



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