



BTS

SHORT TERM

Extender for standard term preservation of boar semen

BTS is the market leader among the standard extenders for short-term preservation of boar semen. The classic formula improved by Minitube provides a balanced medium for the storage of at least 3 days. The availability of various antibiotic additives ensures maximum safety.

Your benefits

- Minitube's BTS is the standard extender for short-time conservation of boar semen. Under normal storage conditions, BTS maintains the shelf life of semen for easily 3 days.
- The classic formulation optimised by Minitube is balanced and applicable under all practical conditions.
- BTS made by Minitube is characterised by its excellent solubility.
- Reliable supplier: GMP certified production

Certificates

An all encompassing certificate of quality and a certificate of analysis for a specific batch are provided on request.

Why are Minitube extenders safer?

Boar semen extenders are not all the same. The uniform and outstanding quality of the extender mixtures from Minitube is based on stringent quality control starting with each batch of raw material and ending with the final mixture. Before a given batch of extender can be approved for sale, chemical and physical tests are performed to prove purity of the components. In addition, independent tests with spermatozoa are done in the German reference laboratory to demonstrate the preservation properties of the final mixture.

We use GMP (Good Manufacturing Practice)-certified quality control standards at each stage of production. Our quality assurance measures combined with complete documentation at each stage in production guarantee security and success.





BTS

SHORT TERM

Packaging sizes

BTS with Gentamicin

1 liter	REF. : 13525/0001
5 liters	REF. : 13525/0005
10 liters	REF. : 13525/0010
20 liters	REF. : 13525/1020
100 liters	REF. : 13525/1100

BTS Forte (Lincomycin/Spectinomycin)

1 liter	REF. : 13525/6001
5 liters	REF. : 13525/6005
10 liters	REF. : 13525/6010
100 liters	REF. : 13525/6100

BTS without antibiotics

50 liters	REF. : 13525/2050
100 liters	REF. : 13525/0100

BTS Extra (Lincomycin/Gentamicin)

1 liter	REF. : 13525/7001
5 liters	REF. : 13525/7005
10 liters	REF. : 13525/7010
100 liters	REF. : 13525/7100

BTS with Neomycin

1 liter	REF. : 13525/8001
5 liters	REF. : 13525/8005
10 liters	REF. : 13525/8010
100 liters	REF. : 13525/8100

BTS with Gentamicin, liquid

5 liters	REF. : 13525/1005
----------	-----------------------------------

BTS with Gentamicin and Amoxicillin

1 liter	REF. : 13525/5101
5 liters	REF. : 13525/5105
10 liters	REF. : 13525/5110
20 liters	REF. : 13525/5120
100 liters	REF. : 13525/5100

Literature

HOFMO P.O., KOMMISRUDE E.; SEHESTED E., 1998. A field trial comparing the fertility of fresh semen stored in BTS for 2-3 days and MR-A for 4-5 days. 15th IPVS Congress. 3, 64.

JOHNSON L.A., WEITZE K.F., FISER P., MAXWELL W.M.C., 2000. Storage of boar semen. Anim. Reprod. Sci. 62, 143 –172.

MINITUBE Manual, 2007. How to Process Boar Semen on Farm. Available upon request.

SCHMID S., HENNING H., PETRUNKINA A. M., WABERSKI D., 2011. Changes in responsiveness to capacitating stimuli in chilled boar spermatozoa in vitro. Reproduction in Domestic Animals Vol. 46, Supplement 2, August 2011, P18.

WEITZE K.F., LE THI X., LÜBCKE A., WABERSKI D., 2011. Resistance of liquid preserved boar spermatozoa to temporarily chilling. Reproduction in Domestic Animals Vol. 46, Supplement 2, August 2011, P17.

WEITZE K.F., LE THI X., WABERSKI D., 2011. Influence of seminal plasma and extender on the quality of highly diluted boar semen. Reproduction in Domestic Animals Vol. 46, Supplement 2, August 2011, P21.

CHARLOTTE DUBE, MARTIN BEAULIEU, CARLOS REYES-MORENO, CHRISTINE GUILLEMETTEA, JANICE L. BAILEYA, 2003. Boar sperm storage capacity of BTS and Androhep Plus: viability, motility, capacitation, and tyrosine phosphorylation. Theriogenology 62 (2004) 874–886.