

BIOPEX I.A.

DESCRIPTION

Biopep I.A. Is a semen extender used for the preparation and conservation of doses of diluted boar semen for as long as 7 days at 18°C.

TECHNICAL PROPERTIES

BIOPEX I.A. is a semen extender with three basic groups of components: essential sugars, microminerals and a buffering salts.

The essential sugars (mainly glucose and fructose) are, because of their structure of simple carbohydrates, the only ones that can be metabolised by the poor metabolic equipment of the sperm and are thus vital for the sperm, specially fructose which is a natural sugar component of boar semen..

The micro mineral group maintains the osmotic pressure and guarantees that fluctuations in fluids in the sperm do not take place.

Finally buffering salts maintain a correct pH, which facilitates the progressive liberation of CO₂, creating an anaerobic environment that together with the low storage temperature of 18°C prolongs the lifespan of the spermatozoa up to 7 days. It also guarantees that once the normal conditions of the sperm are restored its characteristics are maintained without variations especially its lineal velocity.

INDICATIONS AND SPECIES

BIOPEX I.A. Is a semen extender used for the preparation and conservation of doses of diluted boar semen for as long as 7 days at 18°C.

Artificial insemination is an advantageous alternative to natural mounting as it allows improvements to be made in the zoo-technical, the handling and the sanitary area.

The main advantage is that it allows to increase ejaculation volume without affecting the quality of the semen.

COMPOSITION

The product is composed of several sugars (glucose and fructose) essential for the survival of the sperm, substances that maintain the osmotic balance and producers of anaerobiosis.

USE

Preparation of the extender is done by diluting 54 grams of the product (1 bag) in 1 litre of distilled water to dilute the content of one ejaculation, allowing to obtain 12 to 14 doses, depending on the spermatic concentration of the ejaculation.

PACKAGING

54 grams aluminium bags.

C/Luxemburg, 25 – Polígono
Industrial
Apdo 15 . 43120 CONSTANTÍ
(Tarragona)
Tel. 977 29 63 04 Fax 977 29 63 05
www.biovet-alquermes.com

Premio a la Internacionalización
Cámara de Comercio 2005



INTERNATIONAL ADDRESS
P.O Box 15
43120 CONSTANTÍ (Tarragona)
SPAIN
Tel. 34 – 977 29 63 04
Fax 34 – 977 29 63 05