

PREPARATION OF LIQUID-NITROGEN STORED MAREK VACCINES



1.- ACCESSORIES AND HYGIENE



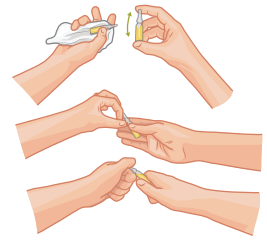
Wear a protective mask and thick gloves (leather gloves) to remove the ampoules from the liquid nitrogen container. Make sure to wash your hands (with soap) and dry them beforehand.

2.- THAWING



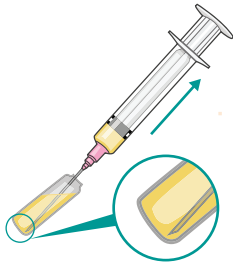
First check that the frozen vaccine is located at the bottom of the ampoule. Thaw the ampoules by placing them in a water bath at 25-27 °C and gently moving them back and forth.

3.- OPENING



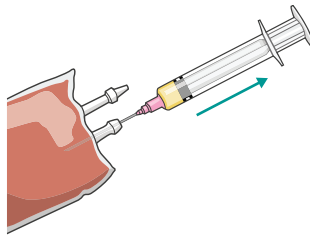
Once the contents are liquid, remove the ampoule from the water bath, dry it, and then shake it gently so that the contents flow to the bottom of the ampoule. Break off the upper part.

4.- EXTRACTION



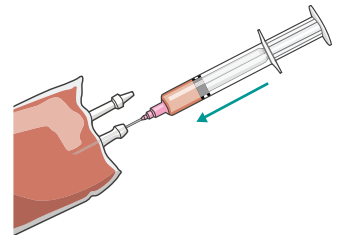
Use a syringe (needle diameter 18G) to draw out the contents of the ampoule. Keep the ampoule to rinse it later (Step 7).

5.- PRE-DILUTION



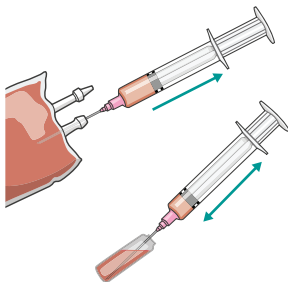
Withdraw a portion of the diluent from the bag to pre-dilute the vaccine in the syringe (without pulling the needle out of the bag).

6.- RE-INJECTION



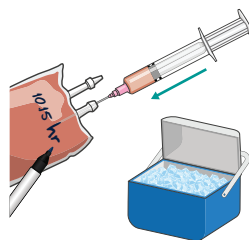
Slowly inject the contents of the syringe back into the bag, still without completely removing the syringe. (The goal is to avoid contamination of the vaccine solution)

7.- RINSING THE AMPOULE



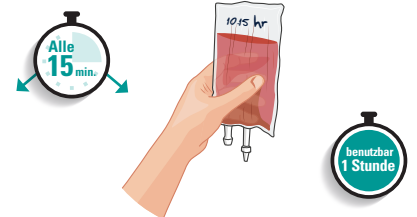
Withdraw a small amount of the mixture again to rinse the ampoule with it.

8.- FINAL INJECTION



Repeat steps 5 and 6, remembering to rinse the syringe one last time. Record the batch number, the vaccine used, the number of doses, and the time on the bag.

9- USAGE



The vaccine should be used within one hour. Record the start time and/or the end of use on the bag (or another easily checkable location). Shake the bag every 15 minutes.

DE-NOB-250500001

MEHR.WERT.
PARTNERSCHAFT.

Copyright © 2025 Merck & Co., Inc., Rahway, NJ, USA and its affiliates. All rights reserved.

Die Wissenschaft für gesündere Tiere

Intervet Deutschland GmbH - ein Unternehmen der MSD Tiergesundheit

Intervet Deutschland GmbH • Feldstraße 1a • D-85716 Unterschleißheim • www.msd-tiergesundheit.de
Intervet GesmbH • Siemensstraße 107 • A-1210 Wien • www.msd-tiergesundheit.at

 **MSD**
Tiergesundheit