

READ FULL DIRECTIONS CAREFULLY

ESCHERICHIA COLI VACCINE

Avirulent Live Culture

ENTERO VAC 100
ENTERO VAC 200
ENTERO VAC 500

INDICATIONS : ARKO ENTERO VAC is an avirulent live Escherichia coli Vaccine recommended as an aid in the prevention of enteritis caused by K88⁺ E. coli in swine. The product is for oral administration in the drinking water that would be consumed in about 6-8 hours. Pigs should be vaccinated at weaning assuming a 17 day or older weaning age.

DRINKING WATER ADMINISTRATION

1. Medications and disinfecting products in the drinking water are not compatible with Entero Vac. Discontinue their use at least 3 days before vaccinating and do not resume their use for 3 days following vaccination.
2. Use clean, cool, nonchlorinated water in accordance with the mixing information. Skim milk or an oral vaccine stabilizer should be used in the water line to remove traces of antibacterial agents. Skim milk can be used at 2 cups per 128 gallons of water. Commercial stabilizers should be used according to the directions.
3. Rehydrate the vaccine just prior to administration. Remove the aluminum seal and the stopper. Rehydrate the vaccine with water to a level of 20 mLs.. After reconstitution reseal the stopper and shake to thoroughly dissolve the vaccine.
4. Dosage is based on the number of pigs. Use at least one dose of vaccine per pig being vaccinated. Add the vaccine to the calculated amount of drinking water and administer immediately. Generally water may be withheld a short time prior to vaccinating to encourage the pigs to drink. Emptying the water lines prior to vaccination also assures of providing a full dose of vaccine to the waterers on the end of the water line. The vaccine should be administered orally in an amount of drinking water that would be consumed by thirsty pigs in approximately 6-8 hours. Make sure all the vaccine is consumed by the pigs. Provide ample water space so that all the pigs can drink easily.
5. Daily water consumption for each vaccination needs to be determined just prior to use. Water consumption is affected by weather, management conditions and the age of the pigs. When specific water consumption information is not available, please refer to a reference table. The following table will serve as a guideline to determine the amount of water to be used with the vaccine if more specific information is not available.

Average Daily Water Consumption - Swine

<u>Weight of Animal</u>	<u>Liters/Pig/Day</u>	<u>Gallons/Pig/Day</u>
10 lbs.	1/2	1/8

ENTERO VAC 100

<u>10 lb. Pigs</u>	<u>Vials of Vaccine</u>	<u>6 - 8 Hour Water Consumption</u>
100	1	12 gal.
200	2	24 gal.
300	3	36 gal.
400	4	48 gal.
500	5	60 gal.

ENTERO VAC 200

<u>10 lb. Pigs</u>	<u>Vials of Vaccine</u>	<u>6 - 8 Hour Water Consumption</u>
200	1	24 gal.
400	2	48 gal.
600	3	72 gal.
800	4	96 gal.
1000	5	120 gal.

ENTERO VAC 500

<u>10 lb. Pigs</u>	<u>Vials of Vaccine</u>	<u>6 - 8 Hour Water Consumption</u>
500	1	60 gal.
1000	2	120 gal.
1500	3	180 gal.
2000	4	240 gal.
2500	5	300 gal.

PRECAUTIONS : Store this vaccine at not over 45°F (7°C). Use the entire contents when first opened. Burn this container and all unused contents. Chlorine or other antimicrobial agents, if present in the vaccine water, may inactivate the vaccine. Use only proper hygiene when handling the vaccine. Clean any spills with disinfectants. Keep the vaccine away from open wounds. Wear gloves if necessary. Consult a physician if contamination occurs. Wash the hands thoroughly after using the vaccine. Do not vaccinate within 21 days of slaughter.

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