

 For the use of Registered Veterinary Practitioners or Hospital or Laboratory only.

RECOMBINANT PORCINE CYSTICERCOSIS VACCINE

Cysvax[™]
For Veterinary use only



COMPOSITION:

Each dose 1 mL contains:

Taenia solium oncosphere antigen (TSOL18) $\geq 150 \mu\text{g}$, Thiomersal (as preservative) $\leq 0.02\%$ w/v. Mineral oil (as adjuvant) & Phosphate buffer diluent q.s.

Potency: ≥ 500 Anti TSOL18 IgG titre in 5 animals out of 6 by ELISA.

DESCRIPTION:

Cysvax[™] is a biotechnologically derived immunological veterinary vaccine. The vaccine antigen is the oncosphere protein encoded by a specific gene (TSOL 18 gene) of *Taenia solium*. This antigen is produced by *Pichia pastoris* expression system and formulated with oil adjuvant and recognized to be highly immunogenic.

INDICATIONS:

Cysvax[™] vaccine is indicated for active immunization of pigs against porcine cysticercosis.

DOSAGE & ADMINISTRATION:

Pigs: 1 mL by deep intramuscular injection behind the ear area. A sterile needle and syringe should be used for each vaccination.

VACCINATION REGIMEN:

Primary Vaccination (PV) : Pigs approximately 2 months of age and above.

Booster dose : 3 – 4 weeks after primary vaccination.

Re-Vaccination : 6 months.

IMMUNITY: Develops by 2 weeks post booster dose.

CONTRAINDICATIONS:

- Do not vaccinate unhealthy animals i.e. animals suffering from diseases, malnutrition, allergic conditions and extreme stress etc.

PRECAUTIONS:

- In rare cases, hypersensitivity may occur, immediate treatment with adrenaline & antihistaminic is advocated.
- Injection of mineral oil into humans can produce serious localized reactions and special care should be taken to avoid accidental inoculation. If it happens, consult a medical physician immediately.

- Generally corticosteroid therapy should be avoided 1-2 weeks before and after the vaccination for developing good immune response.

SIDE EFFECTS:

Generally no significant side effects are noticed, however in some animals temporary pyrexia, lethargy for 1 to 2 days and local injection site reactions for up to 7 days may be observed after vaccination.

EFFECTS WITH OTHER VACCINES:

No information is available on the compatibility of this vaccine with any other vaccines. Therefore the safety and efficacy of this product when used with other vaccines has not been demonstrated.

WITHDRAWAL PERIOD: Zero days.

OVERDOSE:

Administration of a 5-fold overdose of vaccine, no adverse reactions were observed under farm conditions other than those described under side effects.

STORAGE AND TRANSPORT:

The vaccine should be stored and transported between 2°C and 8°C.

DO NOT FREEZE

SHAKE WELL BEFORE USE

HANDLING OF MULTIDOSE VIALS:

Part-used vials of vaccine should be discarded at the end of the day's operations.

DISPOSAL OF USED CONTAINERS:

The empty containers of the vaccine, used syringes and needles should be disposed of properly and carefully according to local regulatory requirements.

PRESENTATION:

Cysvax™ is available as 1 mL, 5 mL, 10 mL and 20 mL vials.

Warning: To be sold by retail on the prescription of a Registered Veterinary Practitioner only.

NOT FOR HUMAN USE
FOR ANIMAL TREATMENT ONLY

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Manufactured & Marketed by:



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