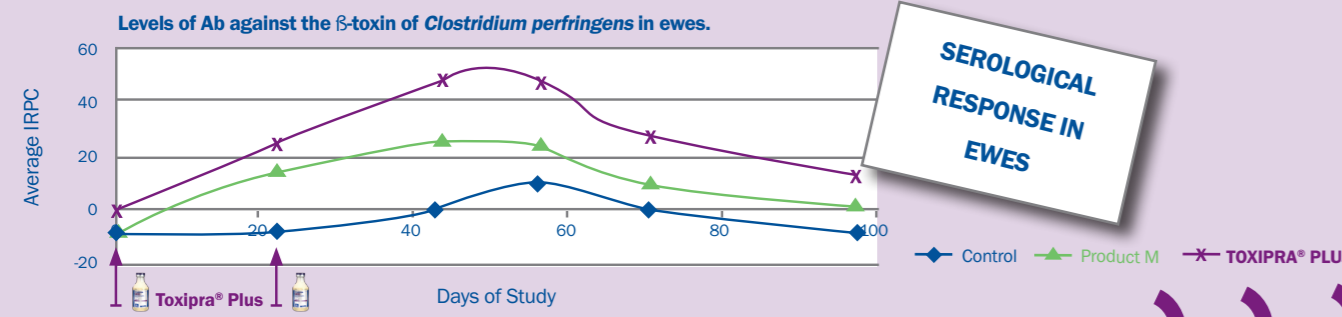


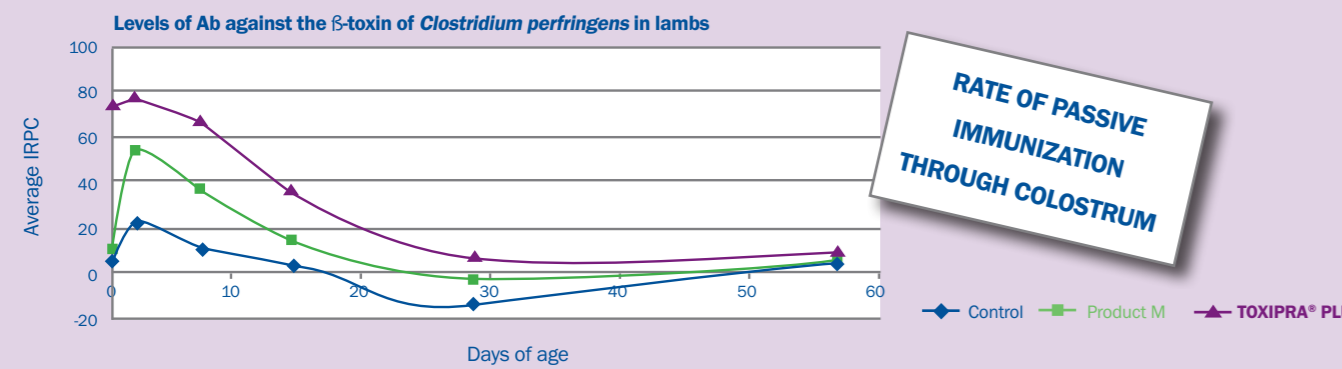
## Choose FIELD RESULTS

Passive transference of antibodies (Ab) against the  $\beta$ -toxin through colostrum is recognized as the best protection method against haemorrhagic enterotoxaemia and lamb's dysentery.

Response to the vaccination measured in terms of seroconversion, of 2 vaccines against enterotoxaemia, in ewes, as part of the vaccination and revaccination scheme at 6 and 3 weeks pre-partum.



Rate of passive immunization through colostrum, of lambs born from ewes vaccinated in the pre-partum period with 2 commercial vaccines.



Study code: EID-2006-086

## Choose BROAD PROTECTION

1  
DIGESTIVE  
PROCESSES



2  
HISTOTOXIC  
PROCESSES

3  
NERVOUS PROCESSES

## TOXIPRA<sup>®</sup> PLUS

*A wise decision*



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*A wise decision*

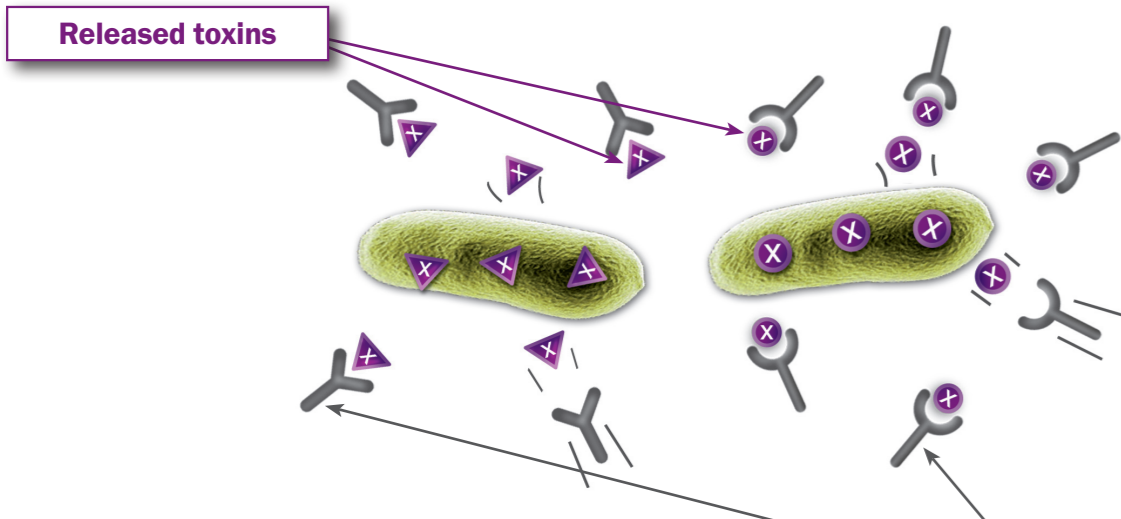
Inactivated vaccine, Enterotoxaemia, Tetanus and Blackleg  
in injectable suspension

**TOXIPRA<sup>®</sup> PLUS.** Inactivated vaccine, Enterotoxaemia, Tetanus and Blackleg, in injectable suspension. **COMPOSITION PER DOSE (2 ML):** Sufficient amount of toxoids and anaerobes to obtain in control animals: *Clostridium chauvoei* 100% protection; *Clostridium perfringens* (types B, C and D)  $\geq 10$  IU of  $\beta$ -antitoxin/ml of serum and  $\geq 5$  IU of  $\delta$ -antitoxin/ml of serum; *Clostridium novyi* type B  $\geq 3.5$  IU of  $\alpha$ -antitoxin/ml of serum; *Clostridium septicum*  $\geq 2.5$  IU of  $\alpha$ -antitoxin/ml of serum; *Clostridium tetani*  $\geq 2.5$  IU of antitoxin/ml of serum. Adjuvant. **INDICATIONS: Adult Sheep and Goats:** To prevent Enterotoxaemia (pulpy kidney disease), Necrotic hepatitis, Blackleg and Tetanus. **Lambs and Kids:** To prevent Dysentery, Haemorrhagic enteritis, Pulpy kidney disease, Blackleg and Tetanus. **Cattle and Fattening calves:** To prevent Enterotoxaemia, Black disease, Necrotic hepatitis, Blackleg and Tetanus. **Suckling calves:** To prevent Haemorrhagic enteritis, Enterotoxaemia and Tetanus. **Swine:** To prevent Necrotic enteritis, Enterotoxaemia (sudden death in sows) and Tetanus. **Rabbits:** To prevent Enterotoxaemia. **SIDE EFFECTS:** A sporadic anaphylactic reaction may appear in some sensitive animals. In such a case administer an antihistaminic. **ADMINISTRATION ROUTE:** Subcutaneous or intramuscular. In sheep and goats only vaccinate by subcutaneous route. It is advisable to administer the vaccine at a temperature between +15 and +25 °C. Shake before and during administration. **DOSAGE: Sheep and Goats:** 2 ml/adult animal; and 1 ml/young animal. **Cattle:** 4 ml/adult animal and fattening calf; and 2 ml/suckling calf. **Swine:** 2 ml/adult pig; and 1 ml/piglet. **Rabbits:** 0.5 ml/animal. Generally, the following vaccination programme is recommended: First vaccination: Vaccinate and revaccinate within an interval of 20 to 25 days. Booster vaccination: Administer one dose annually. **Adult Sheep and Goats:** In areas where pulpy kidney disease is very prevalent, it is advisable to vaccinate every 6 months (spring and autumn). **Lambs and Kids:** Vaccinate from a few days after birth. **Fattening calves:** Apply a preventive vaccination at the beginning of the fattening period. In herds where symptoms of enterotoxaemia appear, an emergency vaccination can be applied, revaccinating at 8 to 10 days. **WITHDRAWAL PERIOD:** 0 days. **SPECIAL PRECAUTIONS:** Store at +2 to +8 °C, avoiding freezing. **PACKAGING:** 100 ml bottle, 250 ml bottle. **Registration N<sup>o</sup>:** 10.505. Under veterinary prescription



## Choose QUALITY

Optimum titres of **anatoxins\*** and **anacultures** that guarantee the **best protection**.



**Released toxins**

**Specific antibodies that neutralize the toxins**

Inactivated toxins:	Titration standard in I.U.
<i>Clostridium perfringens</i> (Types B, C and D)	≥ 10 UI of β antitoxin/ml of serum ≥ 5 UI of ε antitoxin/ml of serum
<i>Cl. novyi</i> type B	≥ 3,5 UI of α antitoxin/ml of serum
<i>Cl. septicum</i>	≥ 2,5 UI of α antitoxin/ml of serum
<i>Cl. tetani</i>	> 2,5 UI of antitoxin/ml of serum

Inactivated cultures	
<i>Clostridium chauvoei</i>	100% protection against challenge

\*In accordance with European Pharmacopoeia standards

## Choose SAFETY

The use of **innocuous**, but potent **adjuvants** gives **Toxipra® Plus** the highest safety.



## Choose LEADERSHIP


An **international reference** in vaccination against **enterotoxaemia**.



Year after year **Toxipra® Plus** renews its customers confidence.



## Choose EASY DOSING



Adult cattle: **4 ml**

Fattening calves: **4 ml**

Suckling calves: **2 ml**

Adult sheep and goats: **2 ml**

Lambs and kids: **1 ml**

## VACCINAL PROGRAMMES

