

Encephalitozoon cuniculi (EC) CIA



Features

- Complete ready-to-use kit
- Fast 5-minute test
- Detection of antibodies against *Encephalitozoon cuniculi* in rabbits
- Carbon Immuno Assay (CIA) procedure using EC whole-cell antigen and carbon suspension

Product description

Encephalitozoon cuniculi (EC) is a parasite that causes encephalitozoonosis in animals and humans. Rabbits and rodents may be infected with EC, resulting in chronic disease. Infection can persist for a long time without clinical signs.

To avoid misleading experimental results, laboratory animals should be tested before use. Note that the disease can occur sporadically, and is apparently unrelated to the age or sex of the animals. Clinical signs include stunted growth and signs of central nervous damage due to granulomatous encephalitis and nephritis. Other diseases can, however, give rise to the same neurological symptoms, which can make correct diagnosis difficult.

Medicago's Carbon Immuno Assay is a quick (5-minute) and easy test to screen populations of rabbits and guinea pigs for encephalitozoonosis, or to verify a putative clinical diagnosis of *E. cuniculi* infection. Sera from some other animal species and humans can also be tested.

The kit contains reagents and controls necessary to perform 100 CIA determinations.

Specifications

1 kit	100 CIA determinations
Components	<i>E. cuniculi</i> antigen 0,1 ml Rabbit antiserum against <i>E. cuniculi</i> 0,1 ml EC negative control Carbon suspension PBS buffer
Storage	2°C to 8°C
Shelf life	12 months after production date

Applications

- Veterinary procedures
- Quick and easy test to screen rabbit populations for encephalitozoonosis
- Verification of a putative clinical diagnosis of EC infection in rabbits

Directions for use

The product is a ready-to-use suspension. Use lab coat, gloves and goggles and handle with care to avoid stains from the carbon suspension.

Shipping and storage

The product is shipped at room temperature and is stable for 12 months from manufacture at 2°C to 8°C.

Certifications

Medicago's laboratories and manufacturing site in Uppsala are ISO 9001:2008 and ISO 13485:2003 certified. Each stage of the manufacturing process is controlled and monitored by stringent quality control procedures to guarantee the highest possible quality and lot-to-lot reproducibility.



Ordering information

Article no.	Product name	Pack size
A18-9001-1	<i>E. cuniculi</i> ELISA	1 kit