## Theileria equi ELISA kit

	Recombinant antigen based ELISA kit for diagnosis
Title of technology	of equine Piroplasmosis
Preamble	
	ed equine babesiosis - is an acute, sub-acute or chronic tick-borne disease of
equids, caused by an intra-erythrocytic protozoa, <i>Theileriaequi (T. equi)</i> or <i>Babesia caballi</i> . The disease caused by <i>T. equi</i> –is more widespread and pathogenic than that by <i>B. caballi</i> . Sero-prevalence of equine piroplasmosis	
	equid population.Recently, NRCE has developed recombinant erythrocyte
	sed ELISA for detection of antibodies against <i>T. equi</i> parasite in equine serum.
	by for detection of antibodies against <i>Theileriaequi</i> parasite in equine serum at
NRCE.	
Salient features	
• It is a recombinant antigen (E	MA-2) based plate ELISA for detection of antibodies against Theileriaequi
infection in equine.	
• The kit has ready-to-use ELISA	plate onto which serum samples can be loaded after proper dilution.
• The results can be obtained in 1hr 30 min times after application of serum samples.	
• Serum samples shipped to laboratory at room/ambient temperature can be utilized for application in the kit.	
• The test sensitivity and specificity is comparable to OIE recommended ELISA.	
• Test capacity: one ELISA plat	e can accommodate 42 test serum samples (in duplicate) alongwith reference
positive and negative serum samples (in duplicate).	
• All the reagents are stable at 4°	C for up to 6 months
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Stakeholders	
Biopharmaceuticals	
State Govt Veterinary Biologicals Production Units	
Small Entrepreneurs	
• Equine farmers	
Indigenous Horse Socie     Economic benefits	ties / Army/ Police Departments etc.,
<ul> <li>More sensitive and early detect</li> </ul>	tion of disease
	is no batch to batch antigen variation.
	cheaper than the other diagnostic assays.
• I-ELISA KITIS comparatively	cheaper than the other tragnostic assays.
	Chelterin equi Antbody Detection ELISA kit
	National Research Centre on Equines
	HISAR (INDIA)
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