

A pregnancy diagnostic kit for equine, based on detection of eCG by ELISA (Pregmare Kit).

Title of technology	Pregmare Kit
Preamble	
<p>This is an early pregnancy kit based on ELISA which can be used for pregnancy diagnosis between 35 to 120 days of gestation in mares covered by horse stallions. It is based on the detection of PMSG or eCG which is released after conception (after about 30 days of gestation) from the endometrial cups in pregnant mares. This kit is now in routine use at for pregnancy diagnosis in mares at field level.</p>	
Salient features	
<ul style="list-style-type: none"> • This is an early pregnancy kit based on detection of PMSG or eCG by ELISA which can be used for pregnancy diagnosis between 35 to 120 days of gestation in mares covered by horse stallions. • Ready to use ELISA plate is provided with eCG standards for quantification of eCG in serum sample of pregnant mare. • This can be used both for early pregnancy and foetus viability. • This kit can be used both as qualitative and quantitative test. • This ELISA kit is rapid, sensitive, specific and animal friendly. • Kit is stable for at least 6 months at 4°C. After constitution, reagents need to be used within 24 hr. 	
Stakeholders	
<ul style="list-style-type: none"> • Drug and vaccines manufacturers • State Govt Veterinary Biologicals Production Units • Small Entrepreneurs • Equine farmers • Indigenous Horse Societies / Army/ Police Departments 	
Economic benefits	
<ul style="list-style-type: none"> • This kit is a quite low cost per test as compared to ultrasound scanning fee, ensuring animal welfare during transport besides saving transporting fee and stress-related loss. • Economically, it is very beneficial to all categories of equine owners as cost per test is quite low as compared to ultrasound scanning fee. • Secondly, they do not have to bear any extra cost for transportation of pregnant mare to veterinary clinics for pregnancy diagnosis. • Ensuring animal welfare by avoiding stress-related loss during transport. 	
	