

IBR Avidin Biotin ELISA (AB ELISA)

- **Problem Description:**

IBR is a highly contagious disease of bovines causing abortions, reduction in milk yield thereby leading to economic loss. The infected bulls excrete the virus in the semen and such semen upon insemination in cows leads to transmission of virus/disease. All the infected animals become latently infected and continue to shed the virus whenever animal is under stress. Infected animals mount an immune response and elicit antibodies and detection of such antibodies is an indicative of infection/animal might have experienced the infection previously.:

- **Solution Description:**

IBR is endemic in India. Screening of bulls and other bovines would be of much help in segregation/isolation. This kit detects IBR antibodies and is developed using indigenous antigen, which is cost effective. Imported kits are 10 times more expensive.

