**CattleMaster® GOLD FP® 5**

**PRODUCT DESCRIPTION:**
CattleMaster® GOLD FP® 5 is for vaccination of healthy cattle, including pregnant cows, as an aid in preventing abortion caused by infectious bovine rhinotracheitis (IBR), bovine viral diarrhea (BVD), parainfluenza-3 (PI3), and bovine respiratory syncytial virus (BRSV). CattleMaster® GOLD FP® 5 is a freeze-dried preparation of chemically altered strains of IBR and PI3, psoralen and furocoumarin-protoporphyrin IX, and is preservative-free. It is administered subcutaneously (SC) and contains an attenuated, temperature-sensitive IBR virus component and subsequently FP 5 was determined in a safety study in which cattle were vaccinated intramuscularly with proprietary IBR virus vaccine. Both nucleic acids were detected in a single cervical ganglion sample, suggesting a direct or proximate intraneural injection. BHV1 given by intramuscular injection has been documented when concurrent BRSV and BVD or IBR infection exists. This product has been shown to be efficacious in healthy animals. A protective response against IBR virus was observed, but the vaccine had no significant effect on BVD or IBR virus infection. 1. Jones C: Alphaherpesvirus latency: Its role in disease and survival of the virus in latency, demonstrable a lack of efficient viral replication in these organs. 2. Jones C: Alphaherpesvirus latency: Its role in disease and survival of the virus in latency, demonstrable a lack of efficient viral replication in these organs. 3. Jones C: Alphaherpesvirus latency: Its role in disease and survival of the virus in latency, demonstrable a lack of efficient viral replication in these organs. 4. Jones C: Alphaherpesvirus latency: Its role in disease and survival of the virus in latency, demonstrable a lack of efficient viral replication in these organs.