In the development of FMD vaccines, it is important to understand the pattern of antibody responses in pigs. The presence of maternal antibodies can interfere with the immune response to vaccination. This study explores the relationship between maternal antibody levels and the development of active immunity in piglets. It is observed that the presence of maternal antibodies can be neutralized by vaccination, allowing the active immunity to develop post-vaccination. However, the duration of this effect is not yet fully understood. The results suggest that vaccination is an effective strategy to overcome the presence of maternal antibodies, and further studies are needed to optimize the vaccination schedule.