

Neutralizing antibody response in bovine serum and nasal and salivary secretions after immunization with live or inactivated foot and mouth disease virus

Figueroa,

Ohlbaum,

Contreras,

Calves develop nasal and salivary neutralizing antibodies against foot and mouth disease virus after nasal inoculation with live virus. Nasal and salivary antibody was not detected after exposure to inactive virus. Serum antibodies were induced by live and inactive virus given subcutaneously. Passively acquired antibodies were detected as long as 7 months after birth.