

Vcheck Foal IgG Diagnostic Algorithm

- Foals have low concentrations of circulating immunoglobulins at birth, making the transfer of maternal antibodies critical for the well-being of foals.
- Early testing for Immunoglobulin G (IgG) concentration in newborn foals can identify potential cases of FPT (Failure of passive transfer).

Vaccinate the mare 4-6 weeks before foaling¹



Ensure the foal stands and nurses²

Watch for common causes, such as early lactation, premature birth, or poor-quality colostrum



Run an IgG test ideally after 12 hours of birth



< 400 mg/dL



Complete FPT

400 - 800 mg/dL



Partial FPT

> 800 mg/dL



Successful passive transfer in foal



Administer antibodies²

- Within the first 12-18 hours of life, use fresh or frozen oral colostrum, or commercial products
- If 24 hours have passed, administer intravenous plasma



After treatment, IgG concentrations should be rechecked in 8 to 12 hours³

to assess the adequacy of immunoglobulin therapy

Reference: 1) Vaccination and Passive Transfer, Reviewed by the AAEP Infectious Disease Committee in 2021 2) <https://thehorse.com/197216/what-is-failure-of-passive-transfer-in-horses/> 3) Sally Vivrette, DVM, PhD, Colostrum and Oral Immunoglobulin Therapy in Newborn Foals