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Equine Immunoglobulin G (IgG) Test Kit

(Fluorescence Immunochromatography Assay) – 10 / 20 / 50 tests/box

For the quantitative determination of equine immunoglobulin G (IgG) concentration in equine whole blood, serum and plasma samples, providing an auxiliary diagnostic reference for veterinary clinical practice.

EQUINE IMMUNOBLOGULIN G (IgG)

- Assessment of immune function – Significantly decreased levels indicate low immune function or immunodeficiency.
- Evaluation of vaccine immune effect – A significant increase in IgG level after vaccination suggests successful immunization.
- Monitoring of passive immune status in foals – Determining whether supplementary immunization is needed to prevent immunodeficiency-related diseases.

SPECIFICATION

SAMPLE TYPE	Whole blood, serum and plasma
SAMPLE VOLUME	10 μ L
MEASUREMENT TIME	10 minutes
MEASURING RANGE	100-2500 mg/dL
STORAGE	2-30 °C

Linear range: 100–2500 mg/dL, correlation coefficient (r) ≥ 0.990 .
Limit of detection (LOD): ≤ 100 mg/dL.
Precision: Intra-assay CV $\leq 12\%$; Inter-assay CV $\leq 15\%$.
Hook effect: No significant hook effect observed at IgG concentrations ≤ 2500 mg/dL.
Specificity: No significant cross-reactivity with common plasma proteins such as equine SAA, fibrinogen, CRP, albumin, IgA, IgM, etc.

Manufacturer: Nanjing Leading Medical Technology Co., Ltd.



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