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Equine Serum Amyloid A (SAA) Test Kit

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

For measuring the concentration of Serum Amyloid A in whole blood, serum or plasma to assess infection and inflammation status in horses. Measuring the SAA concentration is simple and, although non-specific, it is a useful tool in preventive medicine programs that can help determine whether further tests are needed.

EQUINE SERUM AMYLOID A (SAA)

- Early detection of systemic inflammation – bacterial/viral, trauma and postoperative stress.
- Monitoring disease progression and treatment response – arthritits, laminitis, enteritis, pneumonia etc.
- Distinguishing stress response from true infectious / inflammatory disease providing an auxiliary basis for clinical diagnosis.
- Providing prognostic reference for critically ill horses.



SPECIFICATION

SAMPLE TYPE	Whole blood and plasma
SAMPLE VOLUME	10 μ L
MEASUREMENT TIME	10 minutes
MEASURING RANGE	2-3200 mg/L
STORAGE	2-30 $^{\circ}$ C

Linear range: 2–3200 mg/L, correlation coefficient (r) $\geq$ 0.990.

Limit of detection (LOD): $\leq$ 2 mg/L.

Precision: Intra-assay CV $\leq$ 15%; Inter-assay CV $\leq$ 20%.

Hook effect: No significant hook effect observed at SAA concentrations $\leq$ 3200 mg/L.

Specificity: No significant cross-reactivity with common plasma proteins such as equine IgG, fibrinogen, CRP, albumin, etc.

Manufacturer: Nanjing Leading Medical Technology Co., Ltd.

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