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Equine Fibrinogen (FIB) Test Kit

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

For the quantitative determination of equine Fibrinogen (FIB) concentration in equine whole blood or citrate-anticoagulated plasma samples. When measured serially with Serum Amyloid A the kinetics of the inflammatory response can often be determined and this can be very helpful when monitoring response to treatment.

EQUINE FIBRINOGEN

- Assessment of coagulation function – decreased FIB level suggests bleeding risk, while elevated level suggests thrombosis risk.
- Auxiliary diagnosis of infectious disease – in bacterial or viral infections, FIB as an acute protein is significantly increased.
- Monitoring of liver function – FIB synthesis decreases when liver is damaged.
- Auxiliary evaluation of DIC and severe illness – in early disseminated intravascular coagulation (DIC), FIB rises, in late stages it decreases due to consumption.
- Monitoring of treatment effect – providing a reference for veterinary clinical diagnosis, disease monitoring and prognosis evaluation.

SPECIFICATION

SAMPLE TYPE	Whole blood and plasma
SAMPLE VOLUME	10 µL
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 FIB concentrations ≤ 2500 mg/dL.
Specificity: No significant cross-reactivity with common plasma proteins or coagulation-related substances such as equine SAA, CRP, IgG, albumin, prothrombin, etc.

Manufacturer: Nanjing Leading Medical Technology Co., Ltd.

REVOLUTION DIAGNOSTICS
Itäinen Pitkätie 3A FI-20520 Turku

Tel. +358 400 953873
sales@revolutiondx.fi

revolutiondx.fi