

# Equine Fibrinogen™

## Quick Guide

1

Take blood sample in citrate test tube.



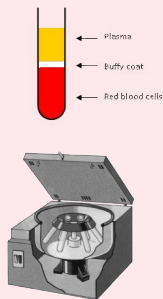
2

Remove cartridge from pouch and insert into analyzer.



3

Centrifuge sample to platelet poor plasma (minimum 7.000 g × minutes). Please see table on backside.



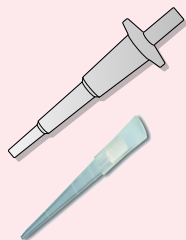
4

Remove cap from supplied pre-filled micro vial with diluent. *Please take care when opening as diluent liquid can be trapped in the lid.*



5

Use 100 microliter pipette and supplied pipette tip to extract 100 microliter plasma from citrate test tube.



6

Deposit the 100 microliter plasma into the supplied pre-filled micro tube.

7

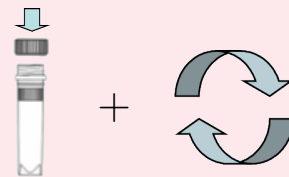
Mix *diluent* and *plasma* using the pipette by extracting and aspirating a minimum of 5 times into the micro vial.



Ensure that the tip is emptied fully after each cycle.

8

Replace cap on micro tube and invert tube a minimum of 5 times to ensure proper mixing of the diluent and plasma.



9

Remove cap and extract 100 microliter sample from the micro vial using the pipette.



Deposit sample into the well on the cartridge *when prompted to do so.*

10

Discard pipette tip and await result (10 minutes).

## Centrifugation

The table below lists the required centrifugation time to obtain platelet poor plasma as needed by the QuickVet® Equine Fibrinogen™. Some centrifuges do not display the  $g$  loading of the sample but the RPM (revolutions per minute) of the centrifuge, in that case use the table below to find the required centrifugation time for a given RPM and centrifuge radius.

The radius of the centrifuge is the distance between the axis of rotation and the middle of the test tube when it is placed in the centrifuge.

Centrifuge radius [cm]	RPM [1/min]	Acceleration [g]	Required spin time [min]
2.5	2000	112	63
2.5	3000	251	28
2.5	4000	447	16
2.5	5000	698	11
2.5	6000	1005	7
2.5	7000	1368	6
2.5	8000	1787	4
2.5	9000	2261	4
2.5	10 000	2792	3
5.0	2000	223	32
5.0	3000	503	14
5.0	4000	893	8
5.0	5000	1396	6
5.0	6000	2010	4
5.0	7000	2736	3
5.0	8000	3574	2
5.0	9000	4523	2
5.0	10 000	5584	2
7.5	2000	335	21
7.5	3000	754	10
7.5	4000	1340	6
7.5	5000	2094	4
7.5	6000	3015	3
7.5	7000	4104	2
7.5	8000	5360	2
7.5	9000	6784	2
7.5	10 000	8375	1
10.0	2000	447	16
10.0	3000	1005	7
10.0	4000	1787	4
10.0	5000	2792	3
10.0	6000	4020	2
10.0	7000	5472	2
10.0	8000	7147	1
10.0	9000	9045	1
10.0	10 000	11 167	1