

A study was completed at Berkshire Medical Center to determine the ability of the SILENCER S2110SP-HS to provide “clean” patient serum or plasma sample separation for Troponin-1 analysis in three minutes @ 5500 RPM.

Materials:

1. SILENCER® Model S2110SP-HS centrifuge
2. Tubes used BD STT and BD LITHIUM HEPARIN

Methods: Consecutive plasma & serum samples were collected and spun for three minutes at 5500 RPM on the SILENCER® model S2110SP-HS centrifuge.

Specimens were run on 12/11/12 and 12/12/12

Abbreviations: C= Clear F= Detritus & fibrin-free separation.

Specimen	SST	PLASMA	Spin Time =3 min
1	CF	CF	3MIN
2	CF	CF	3MIN
3	CF	CF	3MIN
4	CF	CF	3MIN
5	CF	CF	3MIN
6	CF	CF	3MIN
7	CF	CF	3MIN
8	CF	CF	3MIN
9	CF	CF	3MIN
10	CF	CF	3MIN
11	CF	CF	3MIN
12	CF	CF	3MIN
13	CF	CF	3MIN
14	CF	CF	3MIN
15	CF	CF	3MIN
16	CF	CF	3MIN
17	CF	CF	3MIN
18	CF	CF	3MIN
19	CF	CF	3MIN
20	CF	CF	3MIN

Conclusion:

All above PATIENT specimens demonstrated visibly clean, detritus & fibrin-free separation serum or plasma sample separation supporting its use for Troponin-1 processing and supporting the possible reduction in STAT turnaround time while using @ 5500 RPM in the SILENCER® model S2110SP-HS.

jcr 12/14/12