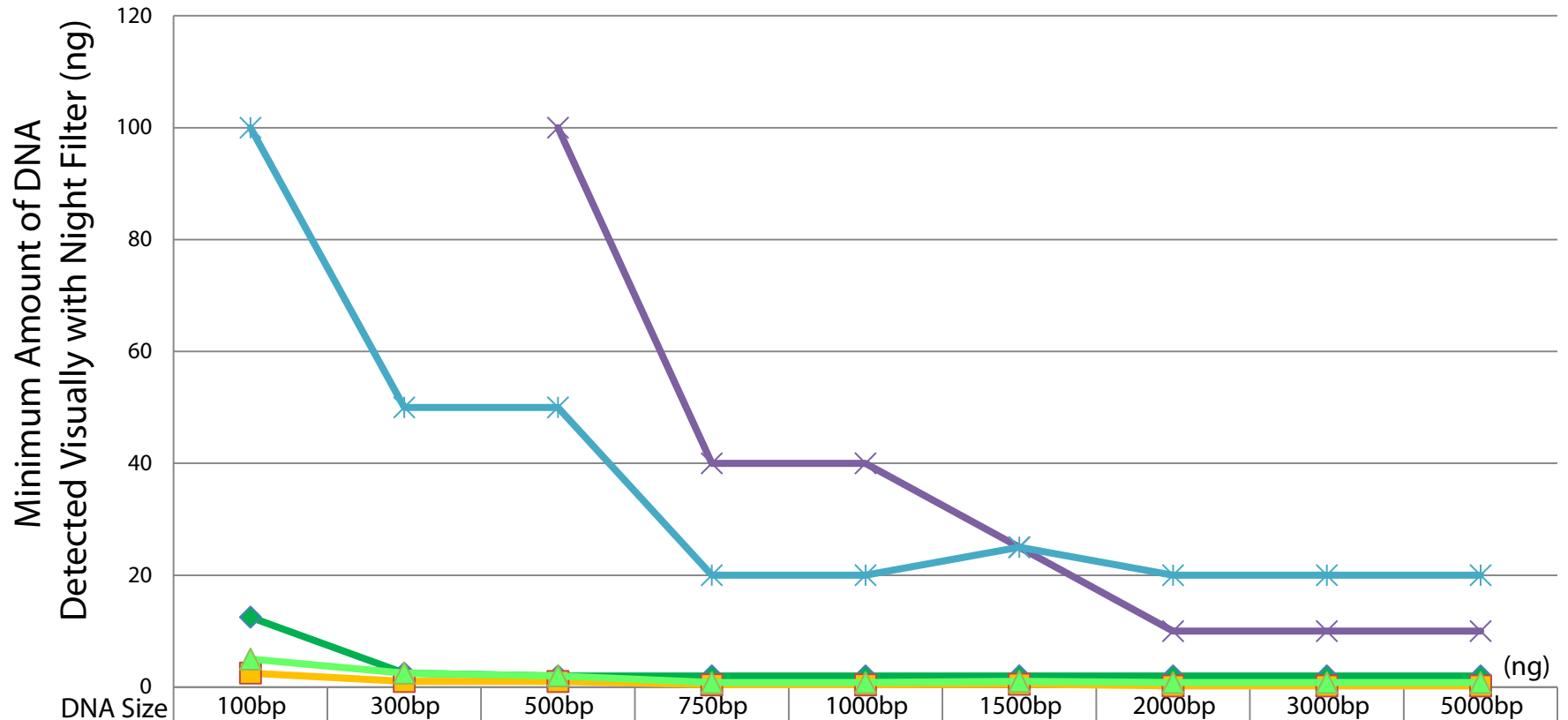


## Sensitivity of Different DNA Stains Pre-casted in 1% Agarose Gel Viewed by the PrepOne™ Sapphire Blue Light Box



DNA Size	100bp	300bp	500bp	750bp	1000bp	1500bp	2000bp	3000bp	5000bp
GelGreen	12.5	2.5	2	2	2	2	2	2	2
Sybr Gold	2.5	1	1	0.4	0.4	0.5	0.2	0.2	0.2
Sybr Green	5	2.5	2	0.8	0.8	1	0.8	0.8	0.8
Sybr Safe			100	40	40	25	10	10	10
EtBr	100	50	50	20	20	25	20	20	20

Remarks: Sensitivity of EtBr stained DNA viewed by UV is about 5 to 10 ng, depending on the size of the DNA fragments.